

# Service Manual

**PIONEER**



The photo shows the model UKP-5600.

**ORDER NO.  
CRT-266-0**

CASSETTE CAR STEREO WITH AM/FM PRESET TUNER

## UKP-5200

CASSETTE CAR STEREO WITH AM/FM PRESET TUNER

## UKP-5210

CASSETTE CAR STEREO WITH AM/FM PRESET TUNER

## UKP-5600

US, CA

US, CA

US, CA

## SPECIFICATIONS

### General

Power source . . . . . DC 14.4V (10.8 ~ 15.6V allowable)  
Grounding system . . . . . Negative type  
Dimensions (chassis) . . . . . 180(W) × 50(H) × 120(D) mm  
[7-1/8(W) × 2(H) × 4-3/4(D) in.]  
(nose) . . . . . 96(W) × 42(H) × 30(D) mm  
[3-3/4(W) × 1-5/8(H) × 1-1/4(D) in.]  
Shaft interval . . . . . 130 or 147 mm (5-1/8 or 5-3/4 in.)  
Weight . . . . . 1.6 kg (3.5 lbs.)

### Amplifier

Continuous power output is 3.2W per channel min. into 4 ohms, both channels driven 50 to 15,000 Hz with no more than 5% THD.

Maximum power output . . . . . 6.5W + 6.5W  
6W + 6W (UKP-5200 only)

Load impedance . . . . . 4Ω (2 ~ 8Ω allowable)

Tone control (bass) . . . . . ±10 dB (100 Hz) (UKP-5600 only)  
(treble) . . . . . ±10 dB (10 kHz) (UKP-5600 only)

Loudness contour . . . . . +12 dB (100 Hz), +4 dB (10 kHz)  
(volume: -30 dB)

### Tape player

Tape . . . . . Compact cassette tape (C-30 ~ C-90)  
Tape speed . . . 4.76 cm/sec. (+0.14 cm/sec. -0.05 cm/sec.)  
Fast forward/rewind time . . . . . Approx. 100 sec. for C-60  
Wow & flutter . . . . . 0.15% (WRMS)  
Frequency response . . . . . 50 ~ 12,000 Hz (±3 dB)  
Stereo separation . . . . . 45 dB  
Signal-to-noise ratio . . . . . 52 dB (IHF-A network)

### FM tuner

Frequency range . . . . . 88 ~ 108 MHz  
Usable sensitivity . . . . . 20.8 dBf (3 μV/75Ω, mono)  
16.8 dBf (1.9 μV/75Ω, mono) (UKP-5600 only)  
50 dB quieting sensitivity . . . . . 23.2 dBf (4 μV/75Ω, mono)  
19.2 dBf (2.5 μV/75Ω, mono) (UKP-5600 only)  
Signal-to-noise ratio . . . . . 65 dB (IHF-A network)  
70 dB (IHF-A network) (UKP-5600 only)  
Alternate channel selectivity . . . . . 50 dB (±400 kHz)  
70 dB (±400 kHz) (UKP-5600 only)  
Distortion . . . . . 0.5% (at 65 dBf, 1 kHz, stereo)  
0.3% (at 65 dBf, 1 kHz, stereo) (UKP-5600 only)  
Frequency response . . . . . 50 ~ 10,000 Hz (±3 dB)  
Stereo separation . . . . . 40 dB (at 65 dBf, 1 kHz)

### AM tuner

Frequency range . . . . . 520 ~ 1,620 kHz  
Usable sensitivity . . . . . 18 μV (25 dB) (S/N: 20 dB)  
Selectivity . . . . . 30 dB (±10 kHz)

*These specifications were determined and are presented in accordance with specification standards established by the Ad Hoc Committee of Car Stereo Manufacturers.*

### Note:

Specifications and the design are subject to possible modification without notice due to improvements.

4559

# CONTENTS

1. PARTS LOCATION .....	1	3. CONNECTION DIAGRAM (UKP-5200) .....	12
2. ADJUSTMENT		4. SCHEMATIC CIRCUIT DIAGRAM (UKP-5200) .....	16
2.1 FM IF Adjustment (UKP-5200/5210) .....	2	5. SCHEMATIC CIRCUIT DIAGRAM (UKP-5210) .....	19
2.2 FM Tracking Adjustment (UKP-5200/5210) .....	3	6. CONNECTION DIAGRAM (UKP-5210) .....	22
2.3 FM MPX Adjustment (UKP-5200/5210) .....	3	7. CONNECTION DIAGRAM (UKP-5600) .....	26
2.4 FM IF Adjustment (UKP-5600) .....	4	8. SCHEMATIC CIRCUIT DIAGRAM (UKP-5600) .....	30
2.5 FM MPX Adjustment (UKP-5600) .....	4	9. CABINET EXPLODED VIEW .....	33
2.6 Auto Level Adjustment (UKP-5600) .....	5	10. CHASSIS EXPLODED VIEW .....	34
2.7 FM Tracking Adjustment (UKP-5600) .....	6	11. CASSETTE MECHANISM EXPLODED VIEW .....	37
2.8 AM IF Adjustment (UKP-5200/5210) .....	7	12. ELECTRICAL PARTS LIST .....	40
2.9 AM IF Adjustment (UKP-5600) .....	7	13. PACKING METHOD .....	46
2.10 AM Tracking Adjustment (UKP-5200/5210) .....	8		
2.11 AM Tracking Adjustment (UKP-5600) .....	9		

## 1. PARTS LOCATION

### NOTE:

- For your Parts Stock Control, the fast moving items are indicated with the marks  
★ ★ and ★.  
★ ★: GENERALLY MOVES FASTER THAN ★.  
This classification shall be adjusted by each distributor because it depends on model  
number, temperature, humidity, etc.

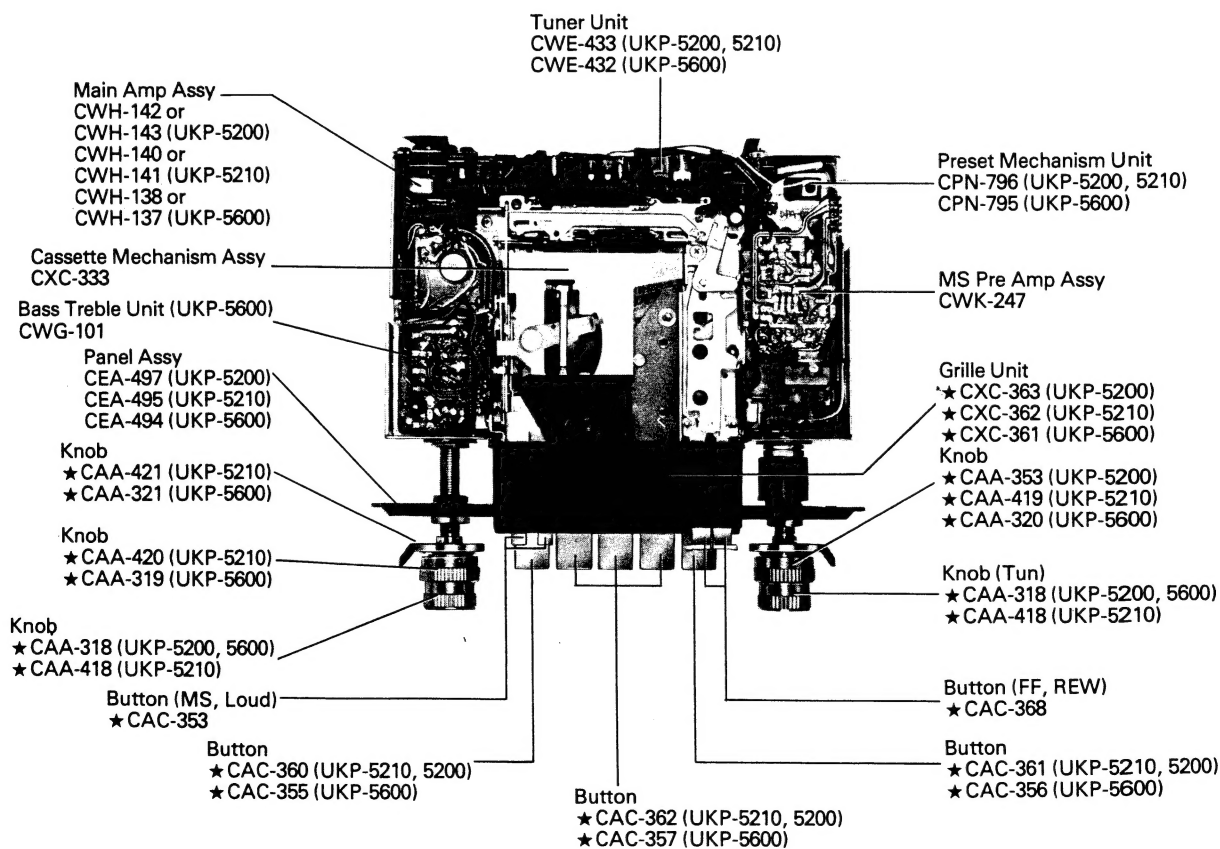


Fig. 1

## 2. ADJUSTMENT

### 2.1 FM IF ADJUSTMENT (UKP-5200/5210)

#### • Connection Diagram

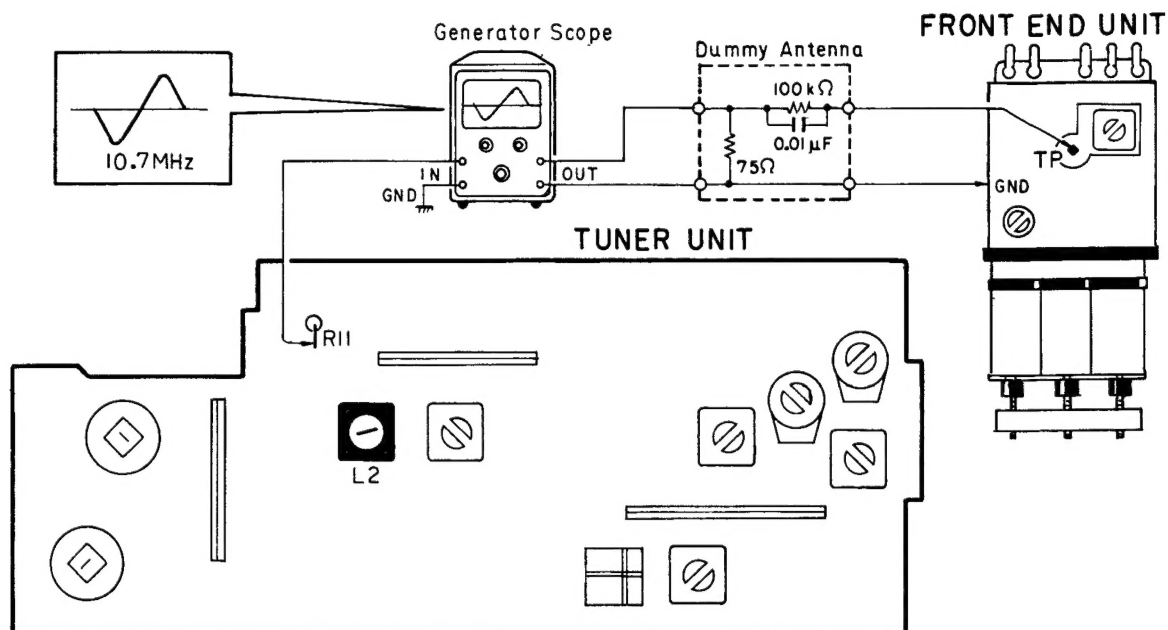


Fig. 2

#### • To Adjust

1. Set Generator Scope as follows:  
 Frequency centering on sweep ..... 10.7 MHz  
 Input level ..... 0.2 Vp-p/cm  
 Output level ..... 1.8 mV~5 mV
2. A waveform shown in Fig. 2 is obtained on the generator scope when the hook-up is made as illustrated above and the power source is applied to.
3. Adjust the cores of L2 so that maximum amplitude and optimum linearity are obtained.

#### NOTE:

The 10.7 MHz marker need not be center positioned on the waveform.

## 2.2 FM TRACKING ADJUSTMENT (UKP-5200/5210)

- **Connection Diagram**

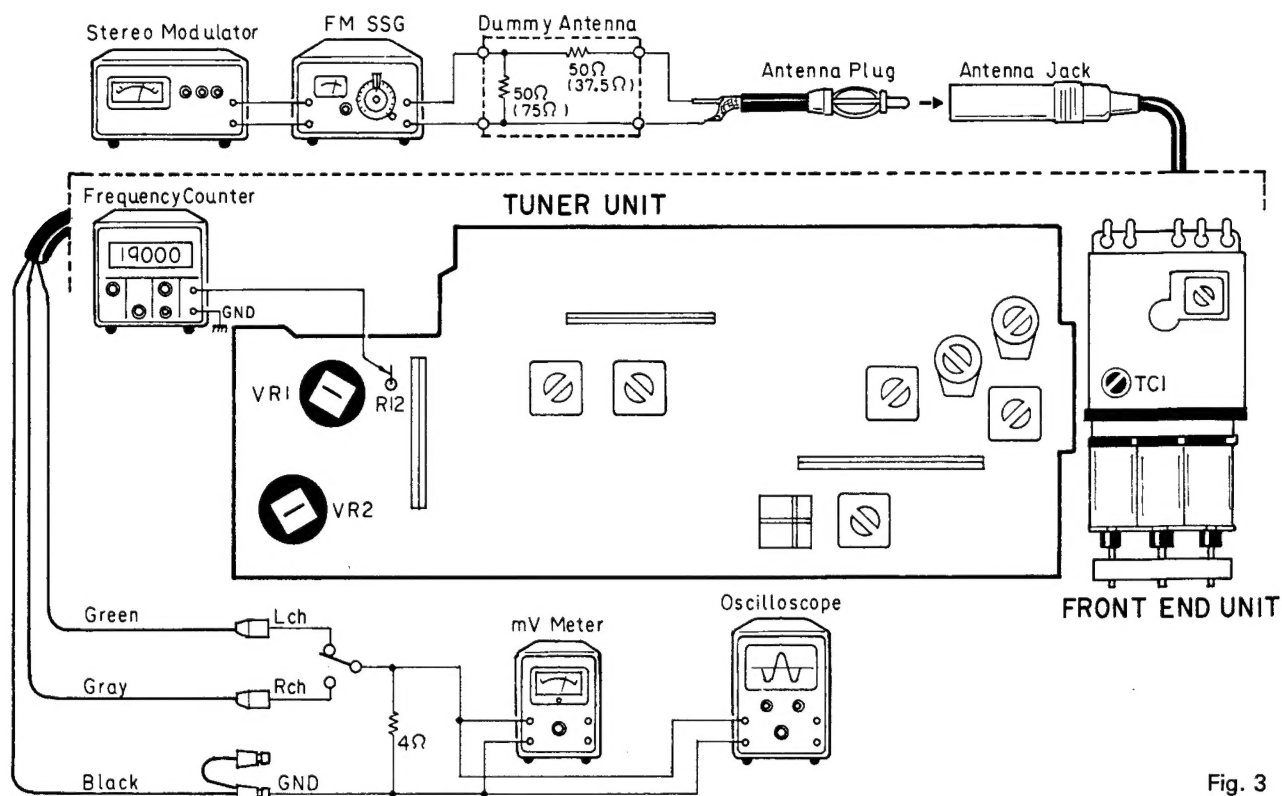


Fig. 3

- **To Adjust**

SSG Frequency	Pointer Position	Adjustment Point	Note
1. 87.3 MHz (400 Hz, 100% modulation), output level 15 dB (μV)	Minimum	TC1	87.3 MHz can be received
2. 108.5 MHz (400 Hz, 100% modulation), output level 15 dB (μV)	Maximum		Check if 108.5 MHz can be received

### 2.3 FM MPX ADJUSTMENT (UKP-5200/5210)

- **Connection Diagram (shown in Fig. 3)**

### Switch position

**Mono/Stereo switch** ..... Stereo

- **To Adjust**

1. Obtain non-modulation signal by setting SSG output at 60 dB ( $\mu\text{V}$ ). Adjust VR1 so that the frequency counter indicates  $19\text{ kHz} \pm 20\text{ Hz}$ .
2. Obtain stereo modulation signal by setting SSG output at 60 dB ( $\mu\text{V}$ ). Adjust VR2 to secure maximum separation.



## 2.4 FM IF ADJUSTMENT (UKP-5600)

### • Connection Diagram

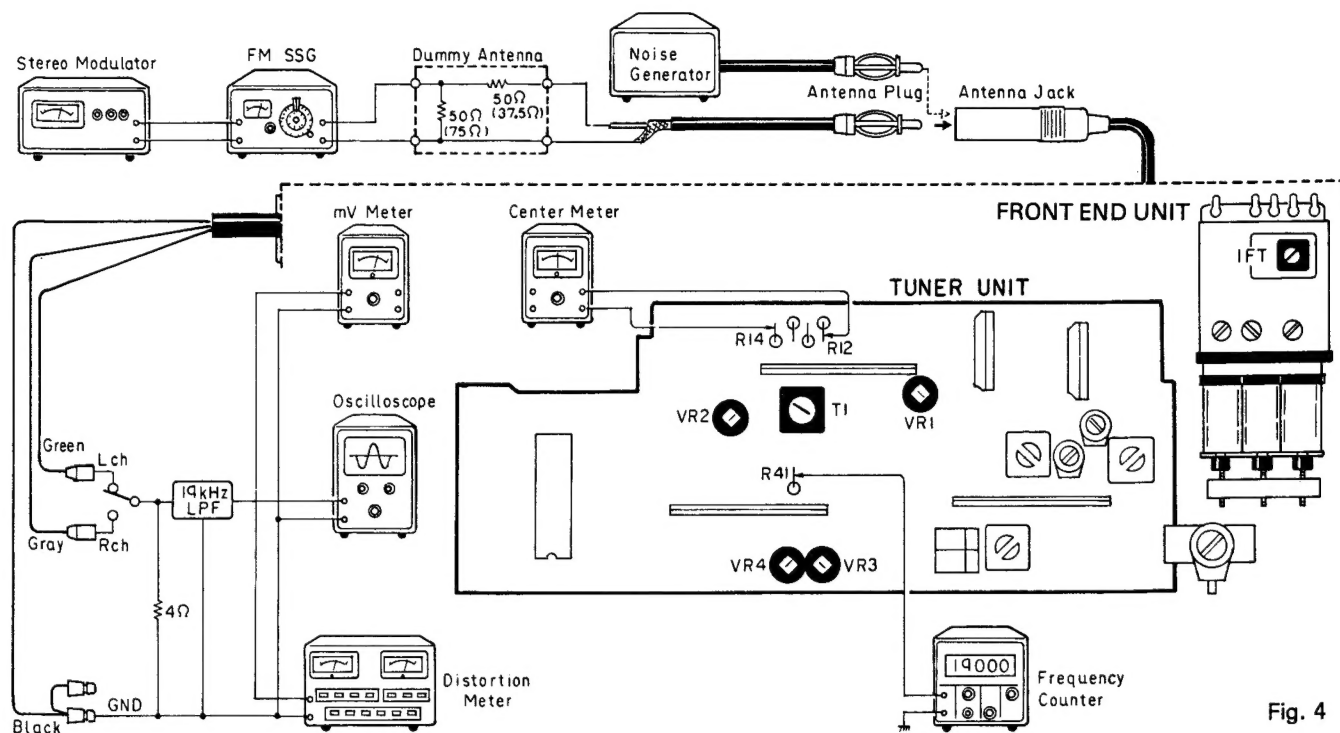


Fig. 4

### • To Adjust

1. Add input signal from noise generator and adjust T1 so that the pointer of center meter (use one graduated for over 200  $\mu$ A) will come to the center.
2. Add output signal of 98 MHz 60 dB from SSG, multisignal of modulated frequency 1 kHz of stereo modulator, and tune to 98 MHz on the dial (the pointer of the center meter is at the center).
3. Adjust IFT (front end unit) so that separated signal will be minimal in its distortion factor.
4. Connect the playback noise generator, and check that the center meter pointer is at the center. Readjust if pointer is not at center.

## 2.5 FM MPX ADJUSTMENT (UKP-5600)

### • Connection Diagram (shown in Fig. 4)

### • To Adjust

1. Select the Mono/Auto switch to AUTO position.
2. Obtain non-modulation signal by setting SSG output at 60 dB ( $\mu$ V) 98 MHz. Adjust VR3 so that the frequency counter indicates 19 kHz  $\pm$ 30 Hz.
3. Obtain stereo modulation signal by setting SSG output at 60 dB ( $\mu$ V). Adjust VR2 to secure maximum separation.

## 2.6 AUTO LEVEL ADJUSTMENT (UKP-5600)

### • Connection Diagram (shown in Fig. 4)

### • To Adjust

1. Select the Mono/Auto switch to AUTO position.
2. Set SSG at 98 MHz and tune using the tuning knob.
3. Set SSG to an output level of 20 dB ( $\mu$ V), and adjust VR4 to a separation of 5 dB (between the right and left channels).
4. Set SSG to 100% modulation at 400 Hz.
5. Set antenna input at 60 dB ( $\mu$ V), and turn volume control so that mV meter pointer is at 0 dB.
6. Set antenna input at 15 dB ( $\mu$ V), turn VR1, and adjust so mV meter pointer is at -3 dB.

### Noise Generator

A noise generator is used when adjusting the FM IF. The noise generator circuit and pattern diagrams below are for reference.

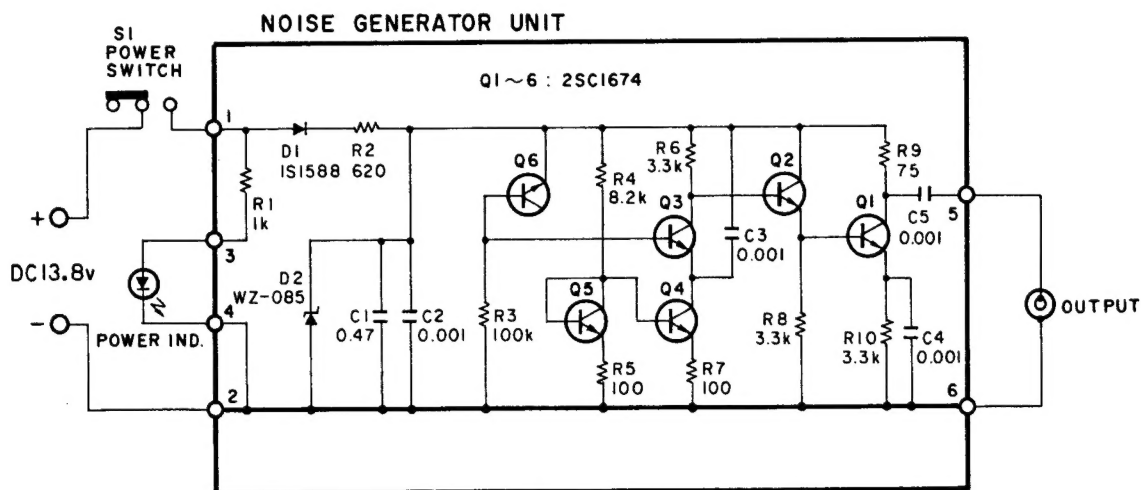


Fig. 5

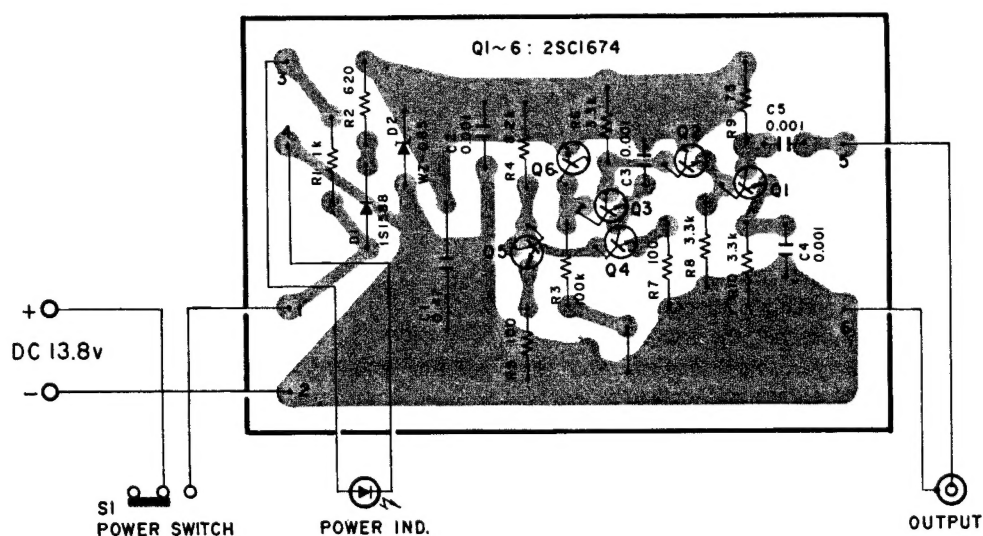


Fig. 6

## 2.7 FM TRACKING ADJUSTMENT (UKP-5600)

### • Connection Diagram

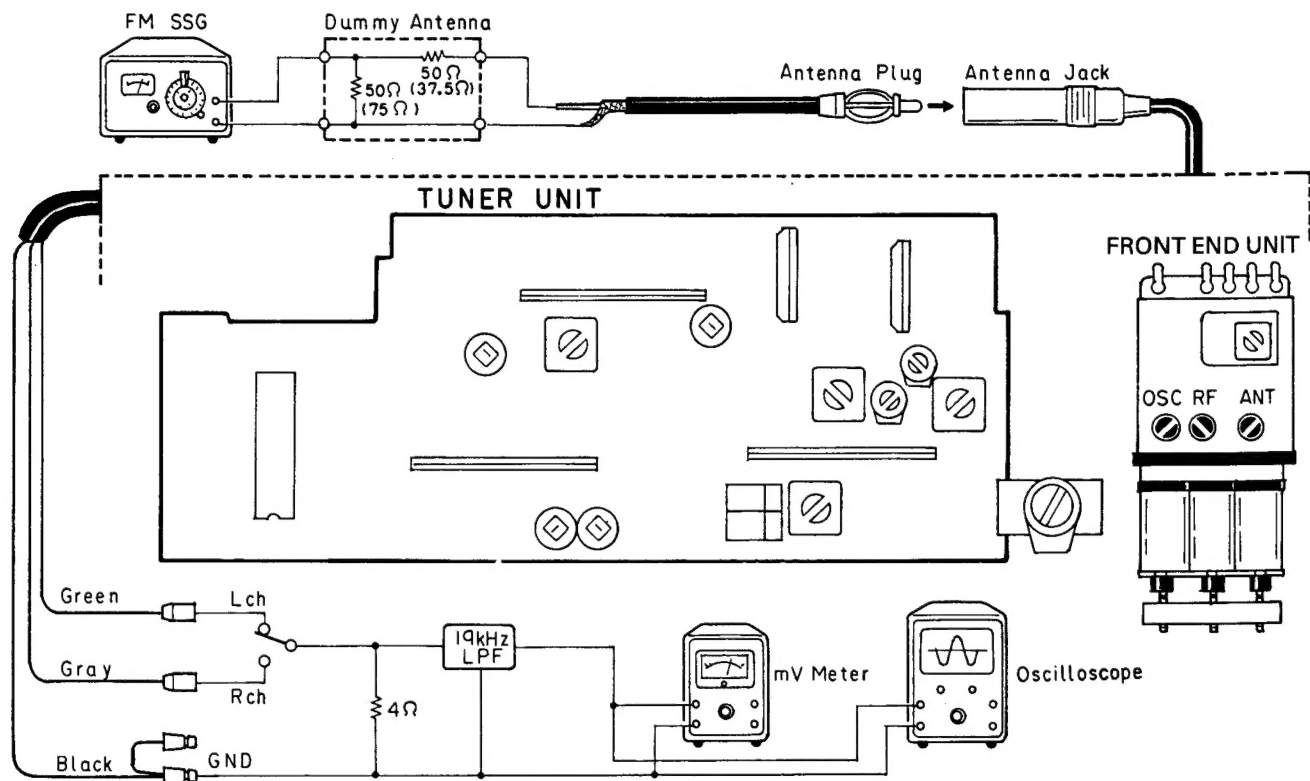


Fig. 7

### • To Adjust

SSG Frequency	Pointer Position	Adjustment point	Note
1. 87 MHz (400 Hz, 100% modulation), output level 10 dB (μV)	Minimum	Front End Unit OSC Trimmer	87 MHz can be received
2. 109.5 MHz (400 Hz, 100% modulation), output level 10 dB (μV)	Maximum	Front End Unit ANT, RF Trimmer	Check if 109.5 MHz can be received
3. 98 MHz (400 Hz, 100% modulation), output level 7 dB (μV)	Tuned position		Maximum output

## 2.8 AM IF ADJUSTMENT (UKP-5200/5210)

### • Connection Diagram

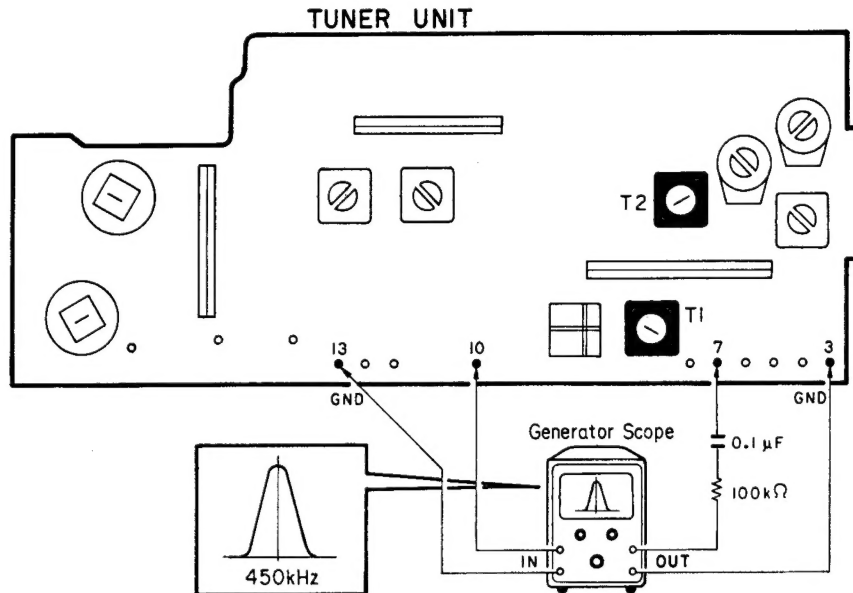


Fig. 8

### • To Adjust

1. Set Generator Scope as Follows:  
 Frequency centering on sweep ..... 450 kHz  
 Input level ..... 0.3 Vp-p/cm  
 Output level ..... 3 mV~10 mV
2. Turn the cores of T1 and T2 and adjust so that U-curve will be at maximum amplitude and best symmetry and best breadth (a top of wave shape).

## 2.9 AM IF ADJUSTMENT (UKP-5600)

### • Connection Diagram

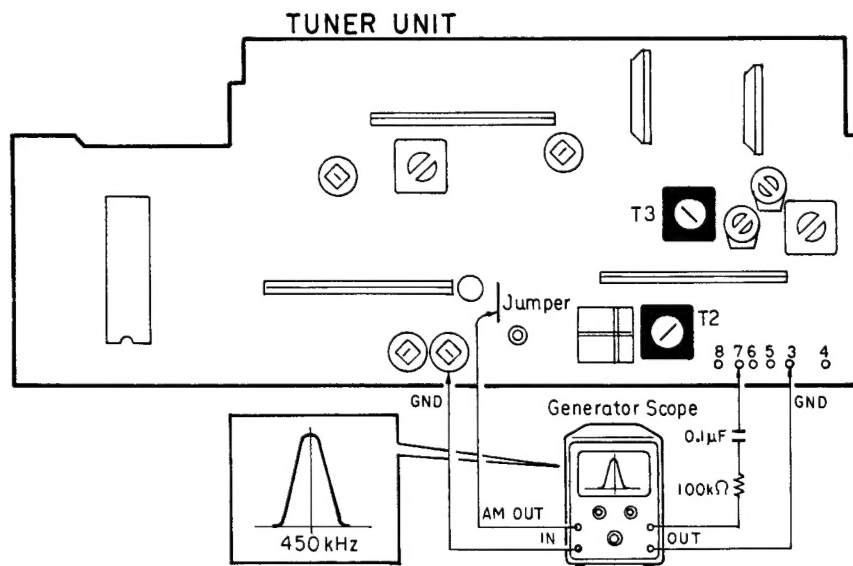


Fig. 9

• To Adjust

- 1. Set Generator Scope as Follows:  
Frequency centering on sweep ..... 450 kHz  
Input level ..... 0.3 Vp-p/cm  
Output level ..... 3 mV~10 mV
- 2. Turn the cores of T2 and T3 and adjust so that U-curve will be at maximum amplitude and best symmetry and best breadth (a top of wave shape).

2.10 AM TRACKING ADJUSTMENT (UKP-5200/5210)

• Connection Diagram

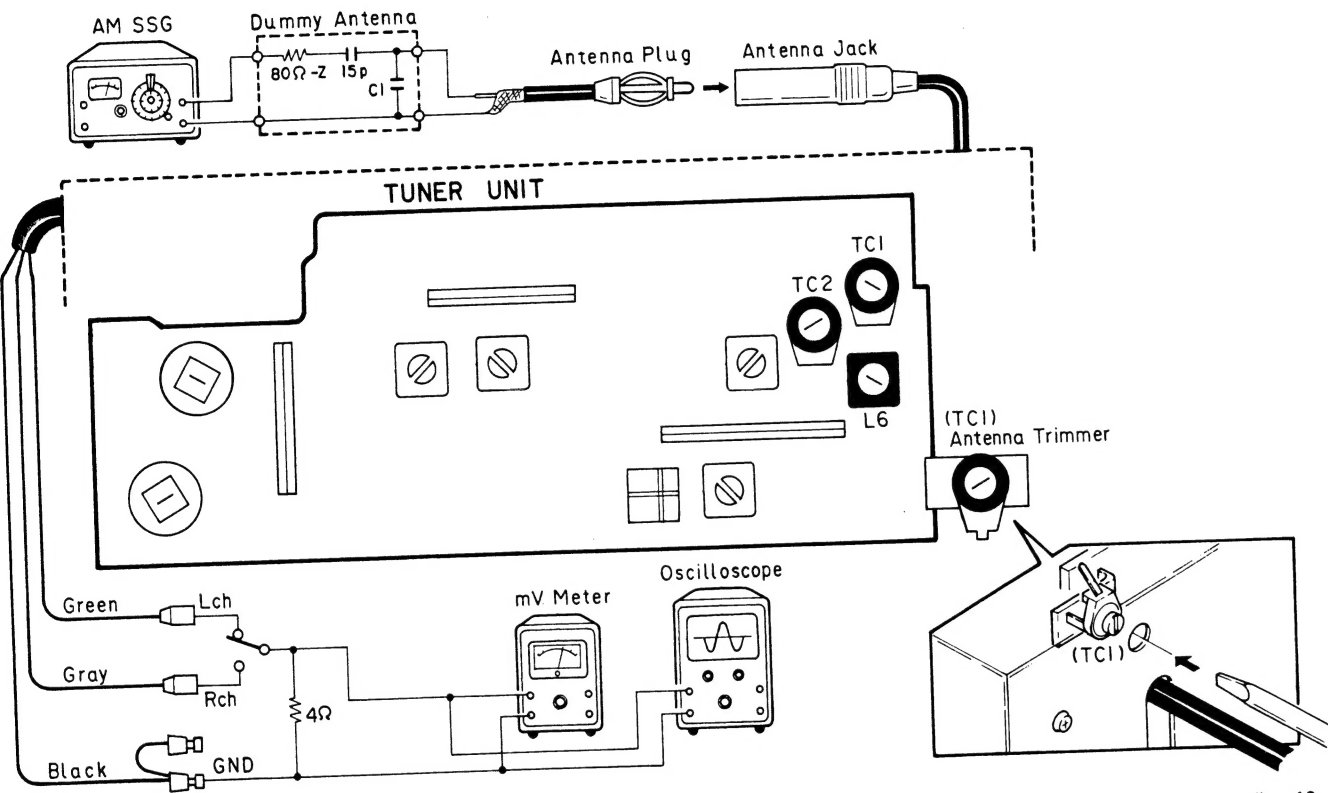


Fig. 10

**NOTICE:**  
Select C1 so that total capacity of 80 pF is attained from the direction of receiver jack.  
Z: Output impedance of the S.S.G.

• To Adjust

SSG Frequency	Pointer Position	Adjustment Point	Note
1. 520 kHz (400 Hz, 30% modulation), output level 20 dB (μV)	Minimum	L6	520 kHz can be received
2. 1,650 kHz (400 Hz, 30% modulation), output level 20 dB (μV)	Maximum	TC1	1,650 kHz can be received
3. Repeat (1) and (2) alternately and adjust so that broadcast can be received at the frequency between 520 kHz and 1,650 kHz.			
4. 1,400 kHz (400 Hz, 30% modulation), output level 20 dB (μV)	Tune to 1,400 kHz	TC2 TC1 (Antenna Trimmer)	mV meter at maximum

2.11 AM TRACKING ADJUSTMENT (UKP-5600)

• Connection Diagram

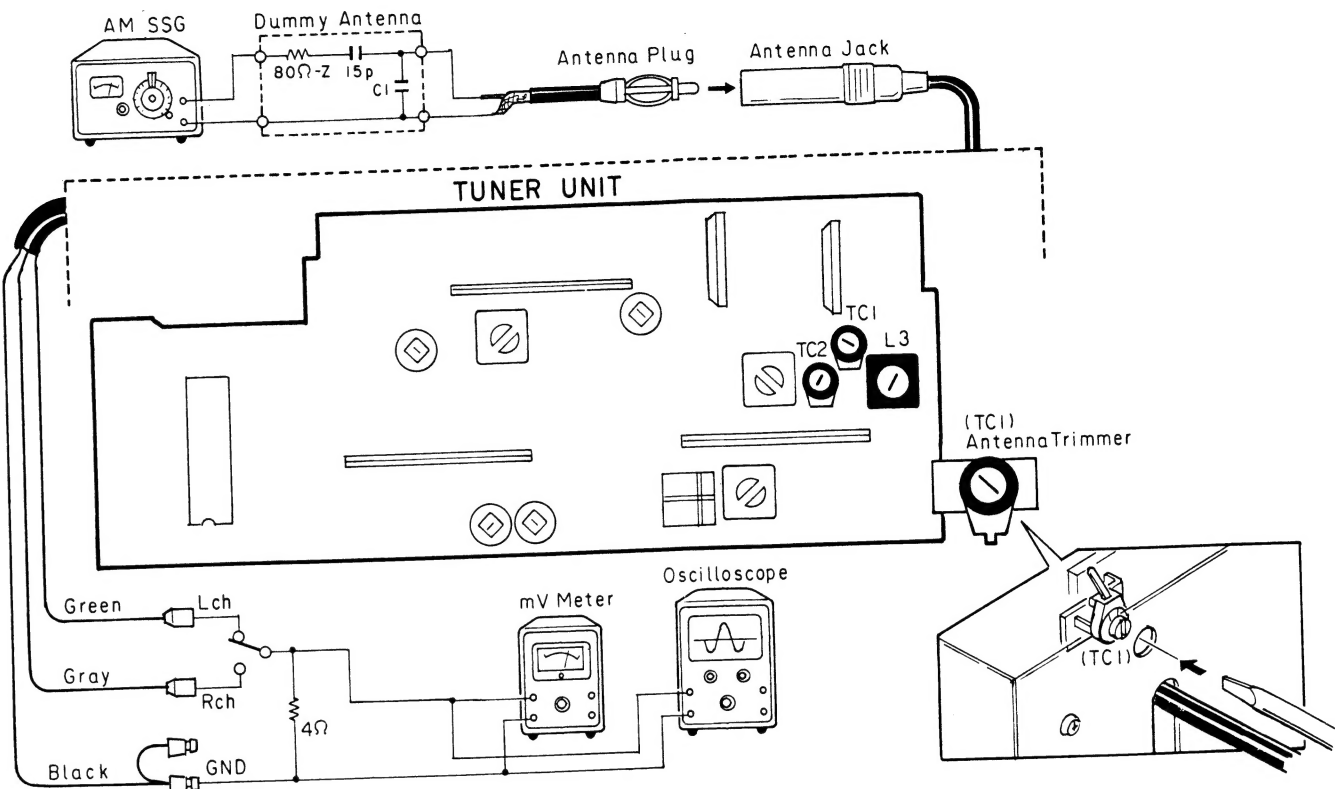
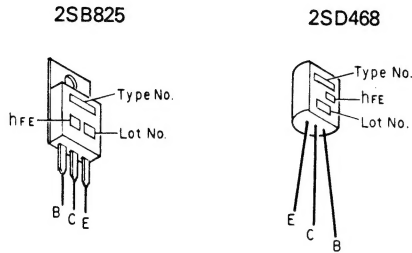
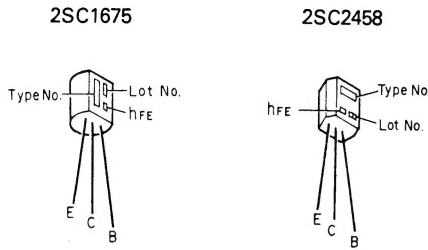


Fig. 11

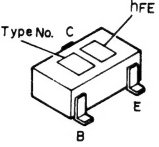
• To Adjust

SSG Frequency	Pointer Position	Adjustment Point	Note
1. 520 kHz (400 Hz, 30% modulation), output level 20 dB (μV)	Minimum	L3	520 kHz can be received
2. 1,650 kHz (400 Hz, 30% modulation), output level 20 dB (μV)	Maximum	TC1	1,650 kHz can be received
3. Repeat (1) and (2) alternately and adjust so that broadcast can be received at the frequency between 520 kHz and 1,650 kHz.			
4. 1,400 kHz (400 Hz, 30% modulation), output level 20 dB (μV)	Tune to 1,400 kHz	TC2 TC1 (Antenna Trimmer)	mV meter at maximum

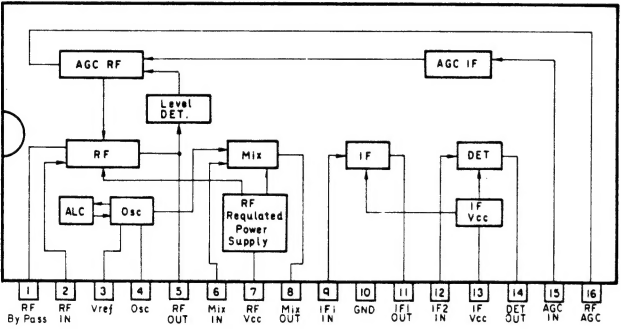
• IC's and Transistors



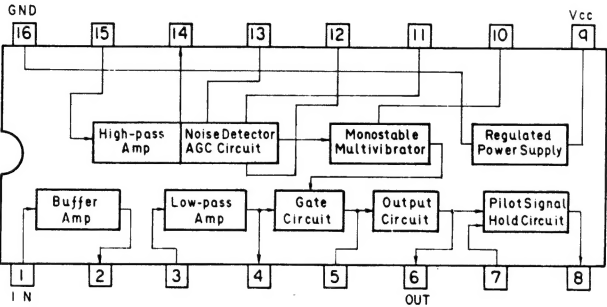
Part No.	Indication (Type No., hFE)
2SA1162-SO	SO
2SA1162-SY	SY
2SA1162-SG	SG
2SA1179-M4	M4
2SA1179-M5	M5
2SA1179-M6	M6
2SA1179-M7	M7
2SB709-AQ	AQ
2SB709-AR	AR
2SB709-AS	AS
2SC2712-LO	LO
2SC2712-LY	LY
2SC2712-LG	LG
2SC2712-LL	LL
2SC2812-L4	L4
2SC2812-L5	L5
2SC2812-L6	L6
2SC2812-L7	L7
2SD601-YQ	YQ
2SD601-YR	YR
2SD601-YS	YS



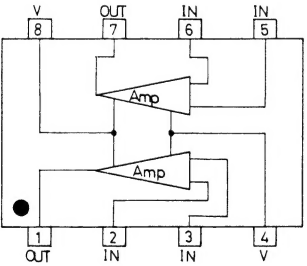
LA1130



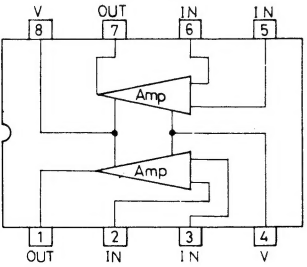
LA2101



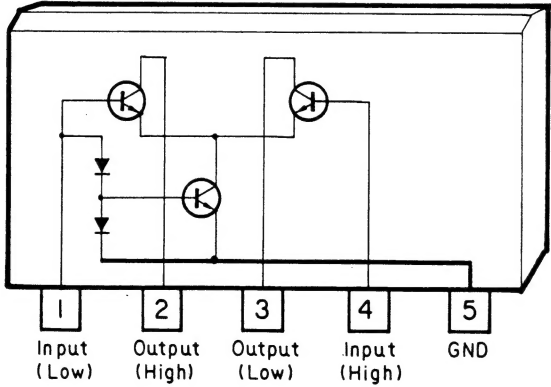
NJM4558DD



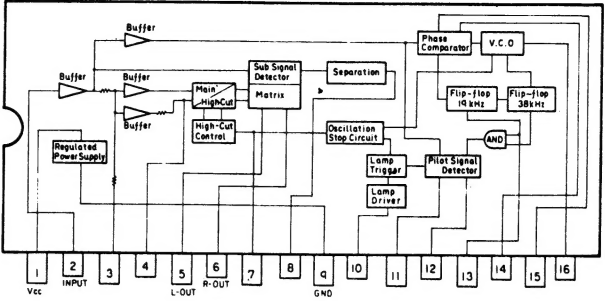
μPC4558C



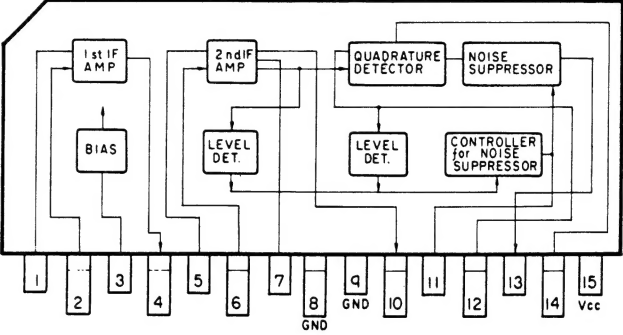
M5215L



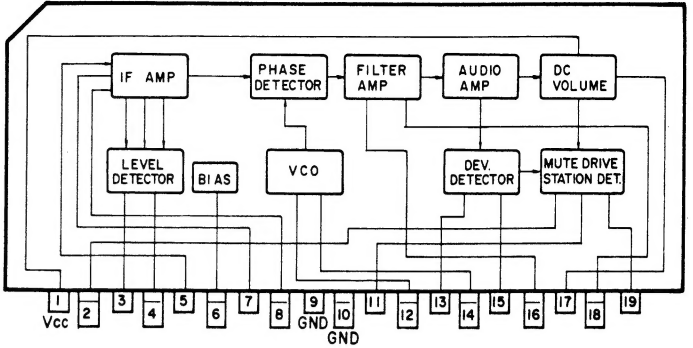
LA3370P



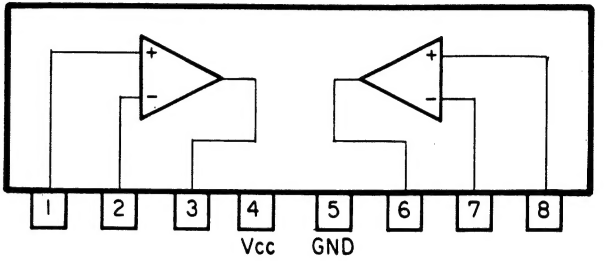
μPC1200V



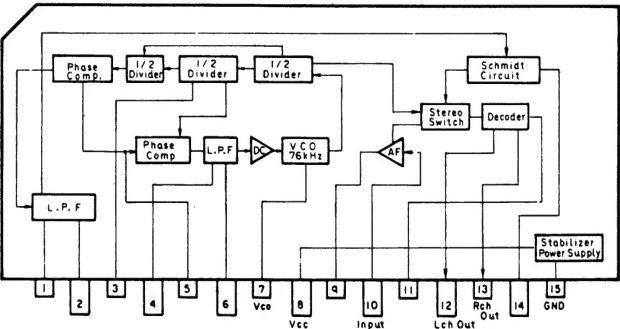
PA4007



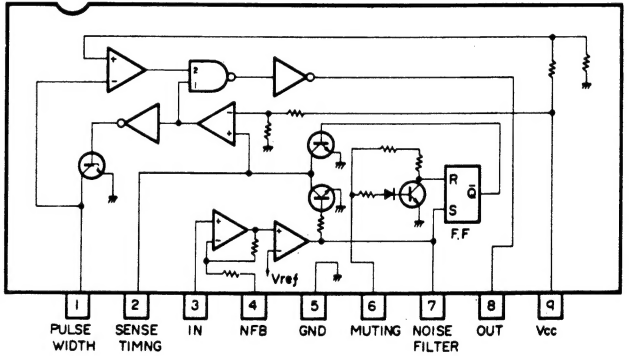
MB3106M



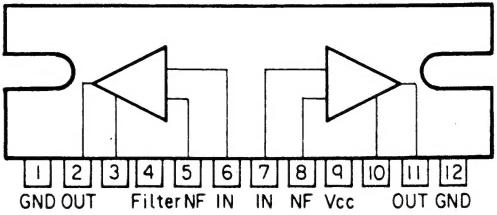
μPC1187V



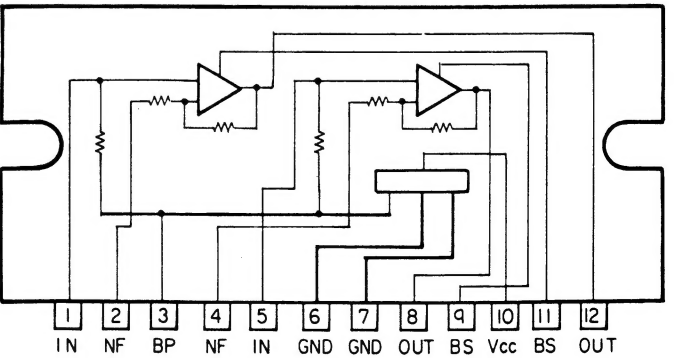
BA338



μPC1185H2



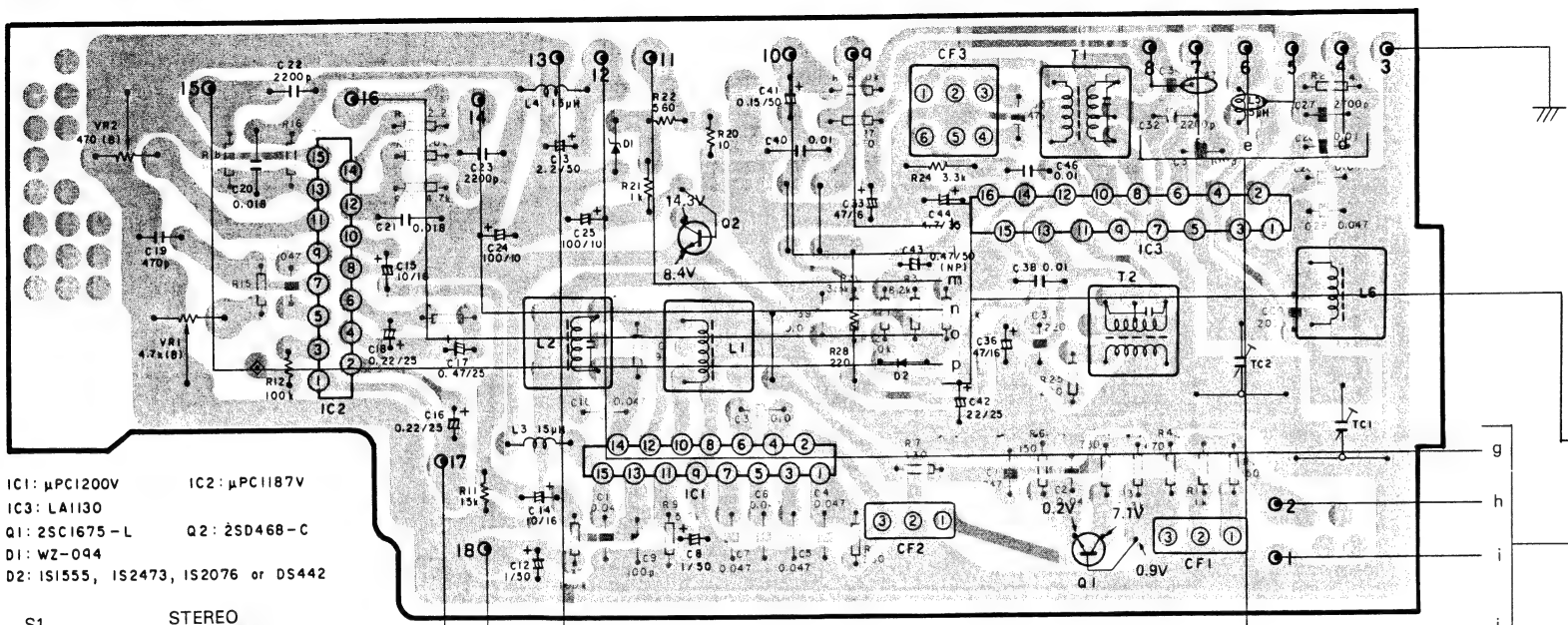
MB3722



3. CONNECTION DIAGRAM (UKP-5200)

TUNER UNIT (CWE-433)

IC, Q                      IC2                      IC1    Q2                      Q1    IC3  
ADJ   VR2   VRI                      L2                      T1 T2    TC2    TC1    L6



IC1

1,2	3.1V
3	5.6V
4	4.7V
5,6,7	2.8V
8,9	0V
10,12,14	4.8V
11	1.8V
13	4.4V
15	8.4V

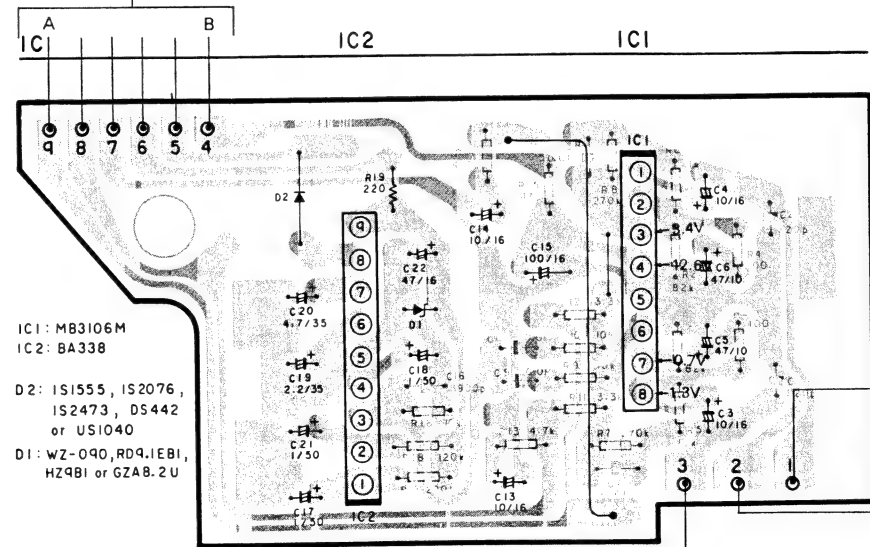
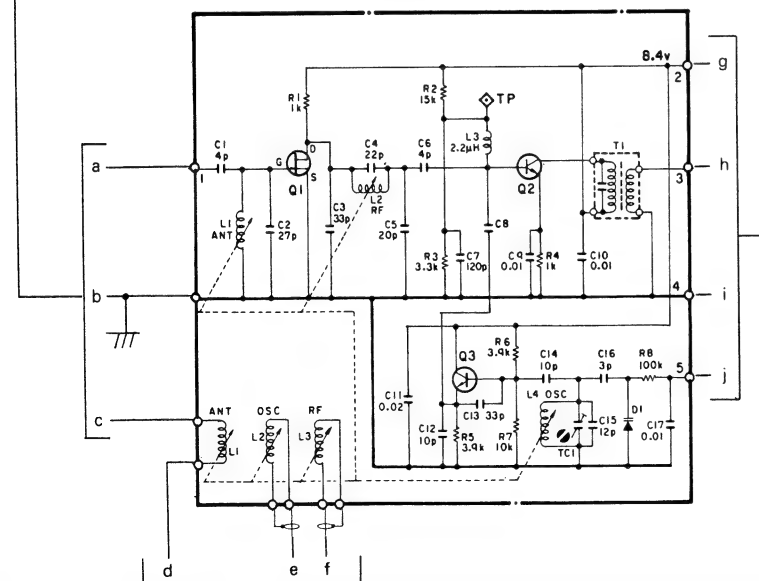
IC2

1,3	1.6V
2,4,5,6	2.2V
7	2.8V
8	8.4V
9	5V
10	2.1V
11	0.2V
12,13	4.9V
14	6.9V
15	0V

IC3

1	2V
2	2.6V
3,4	5.7V
5,7,8	10.9V
6,14,15	1.9V
9	3.9V
10	0V
11,13	11.8V
12	0.7V

FRONT END UNIT



MS PRE AMP ASSY (CWK-247)

P.C. BOARD UNIT (CWX-378)

IC2

1	0V (8.8V)
3	0V
4	1V
5	0V
6	1.6V
8	0V (8.8V)
9	0.1V (9V)

S3 PRESET MUTE

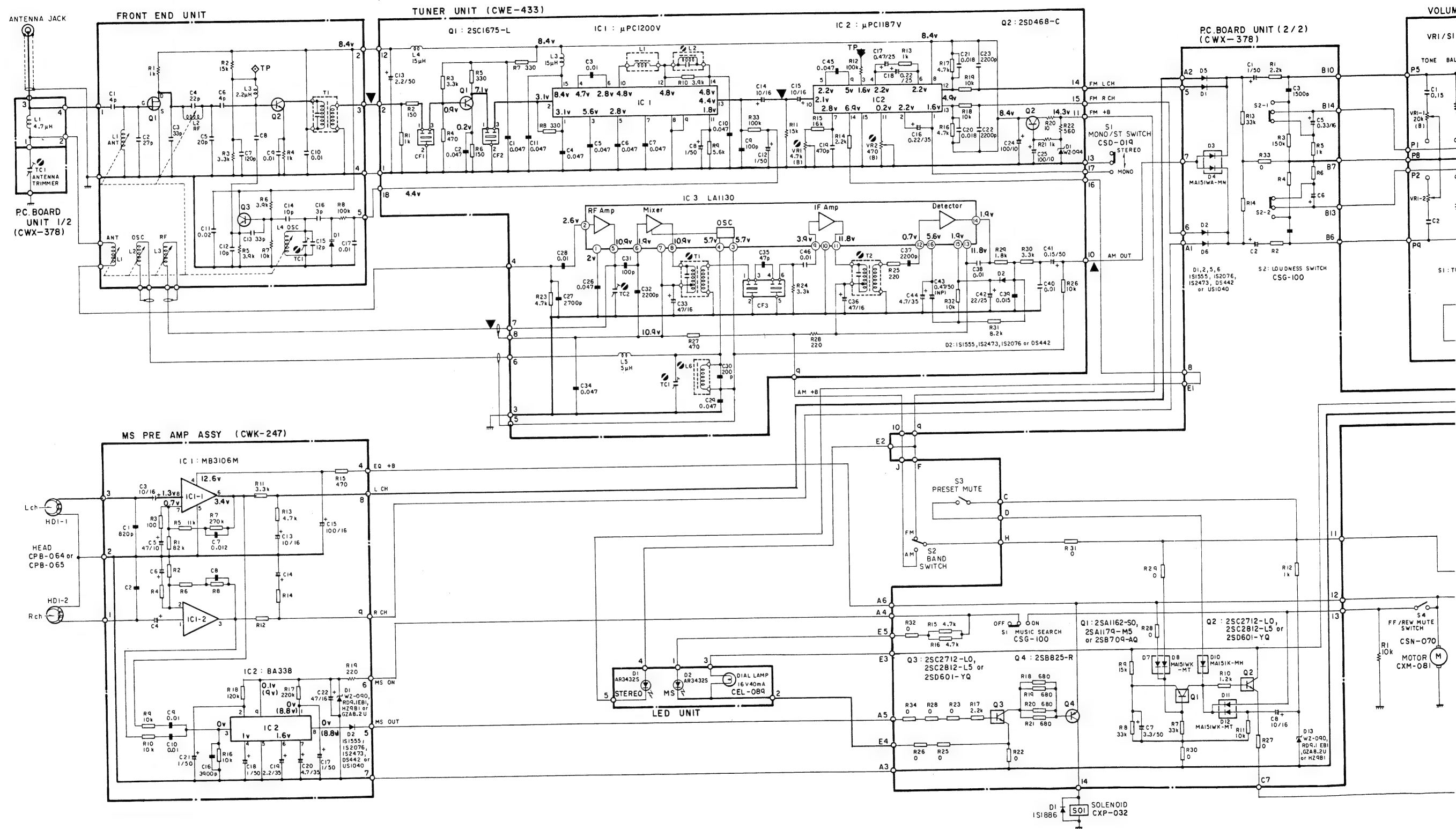
STEREO







# 4. SCHEMATIC CIRCUIT DIAGRAM (UKP-5200)



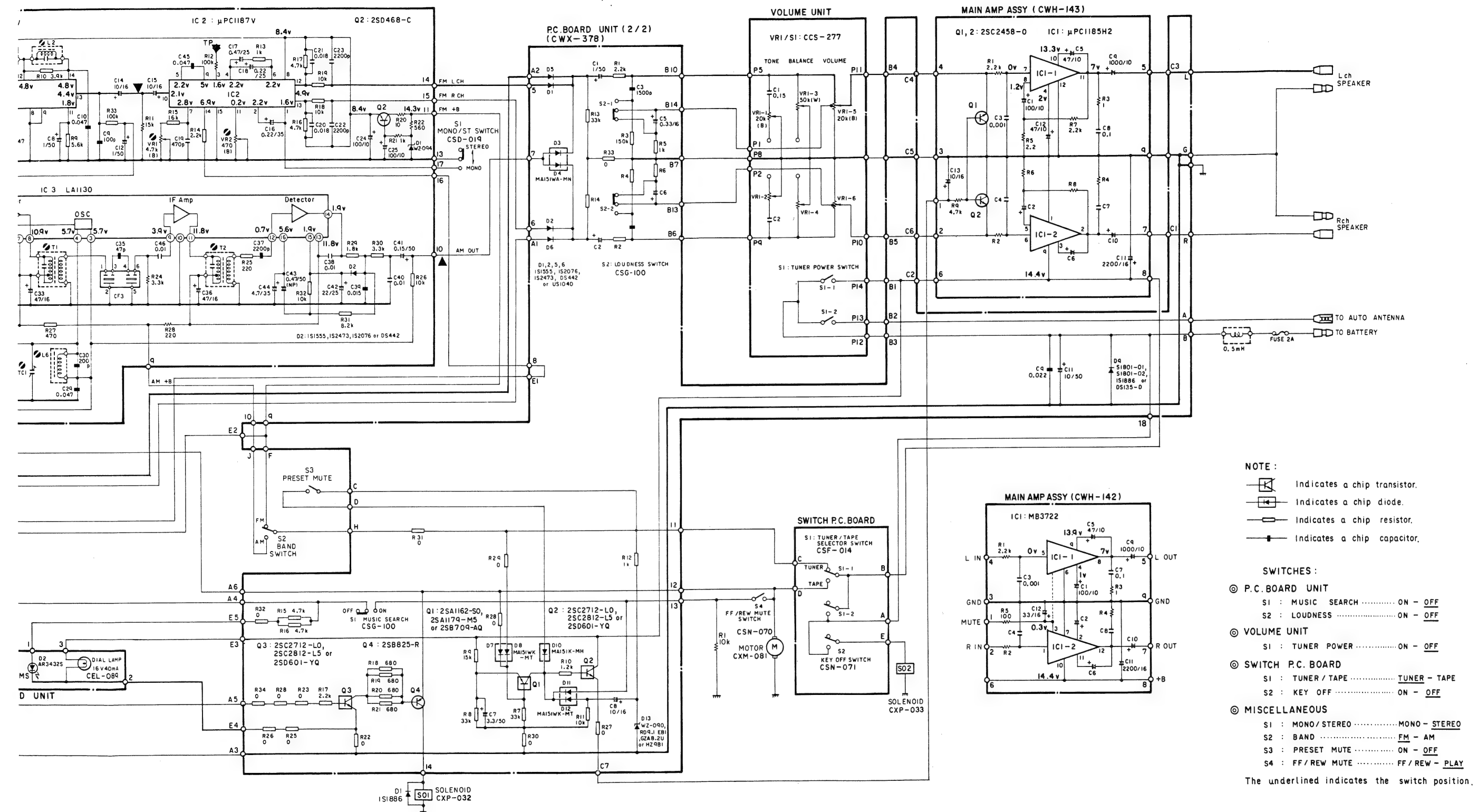
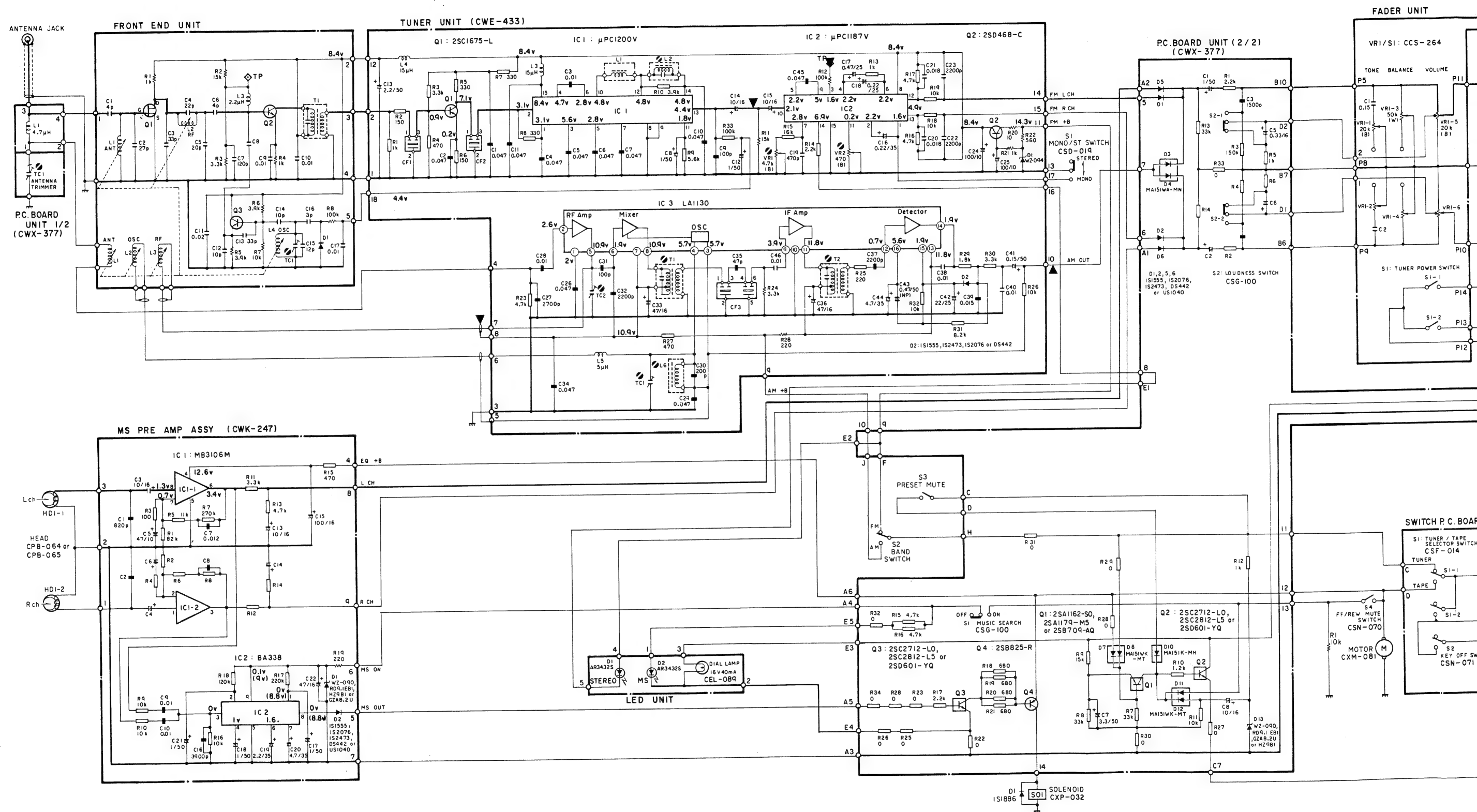
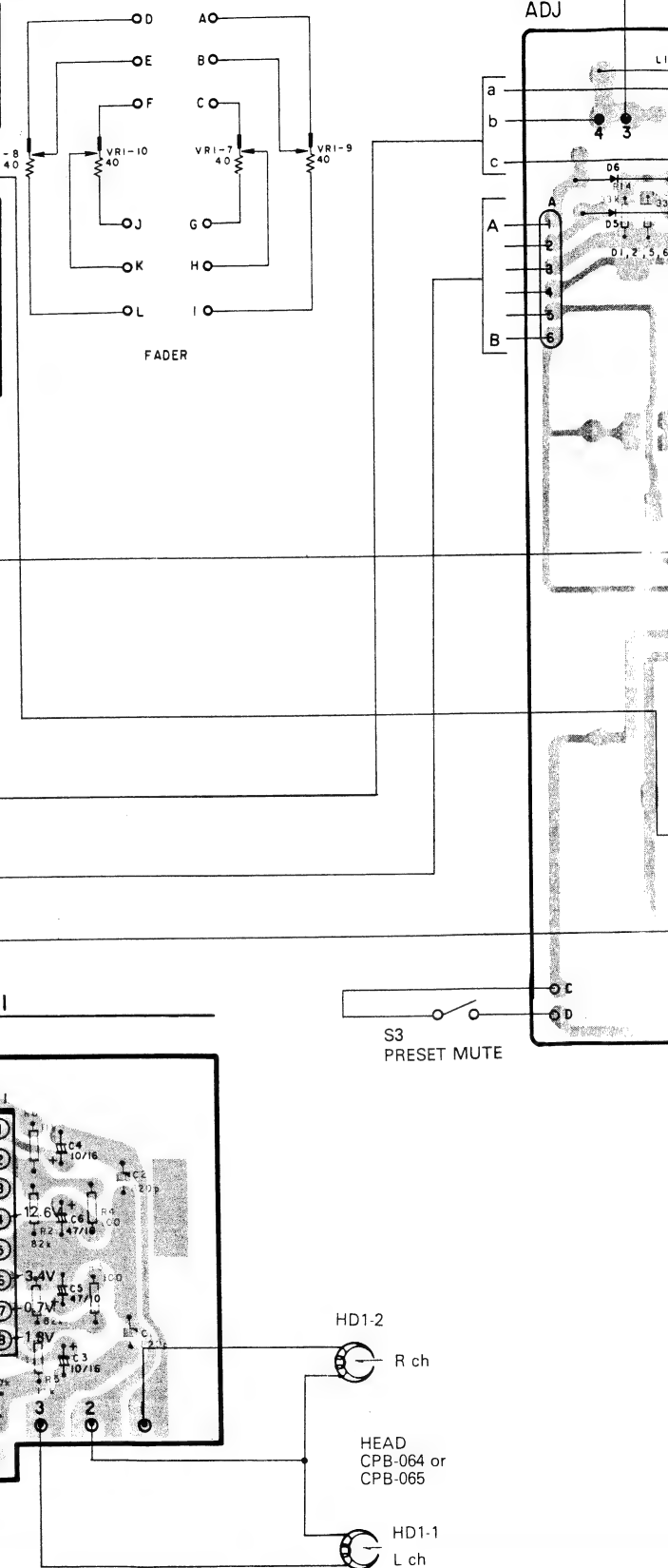
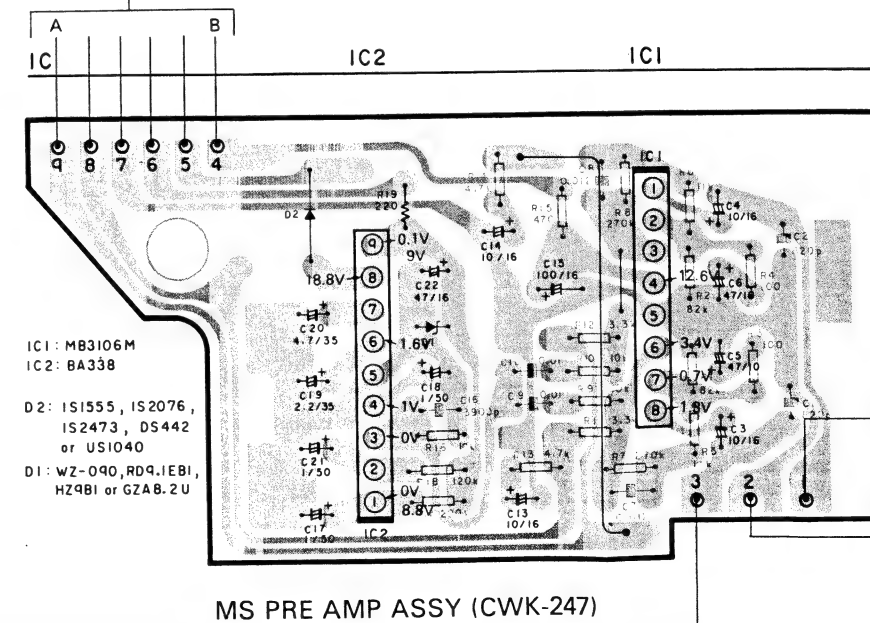
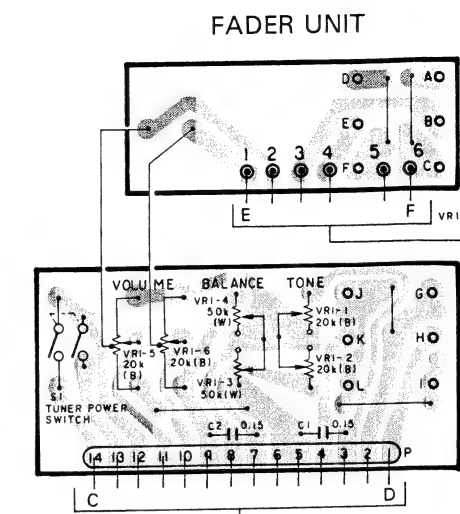


Fig. 13

## 5. SCHEMATIC CIRCUIT DIAGRAM (UKP-5210)





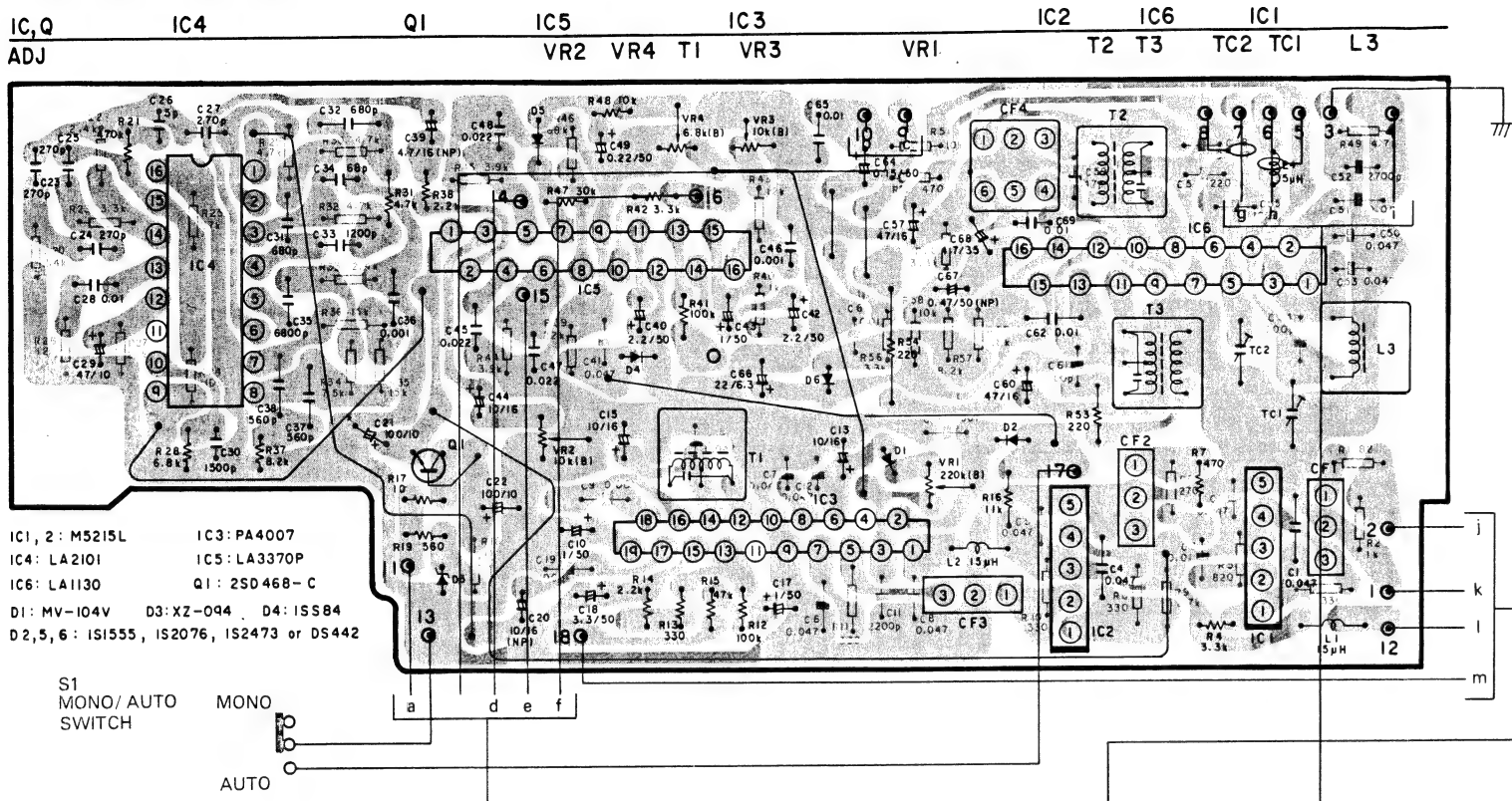
☐



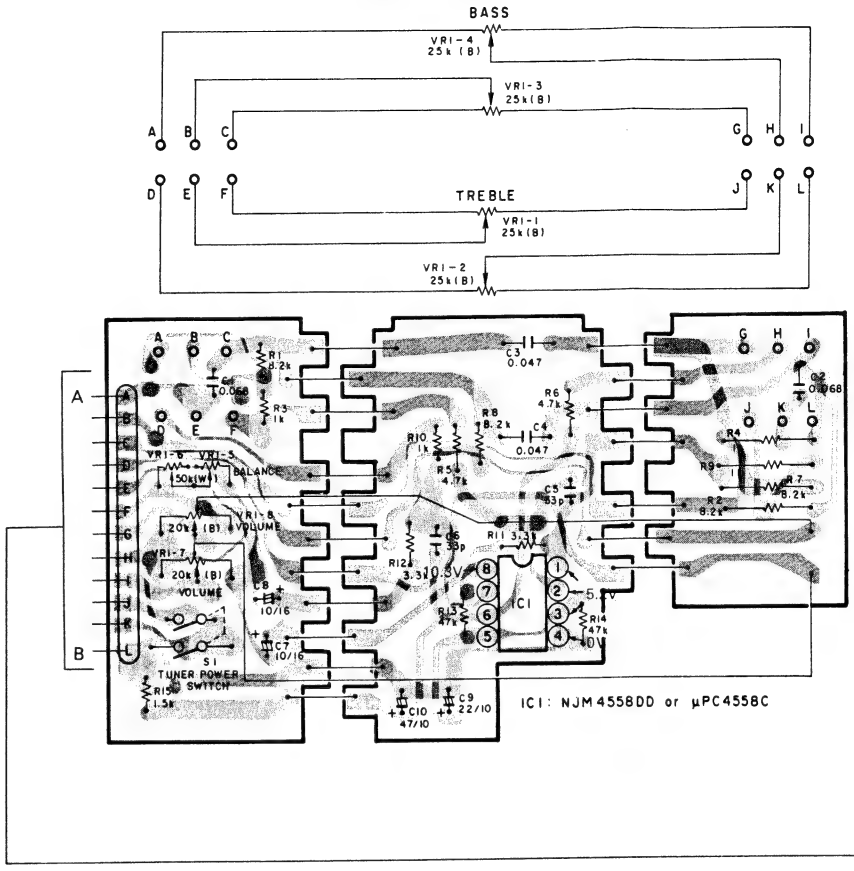


7. CONNECTION DIAGRAM (UKP-5600)

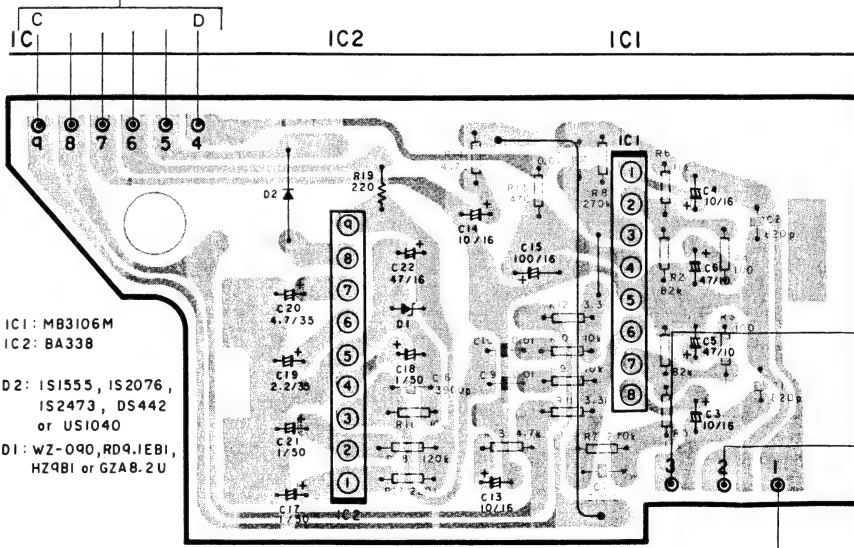
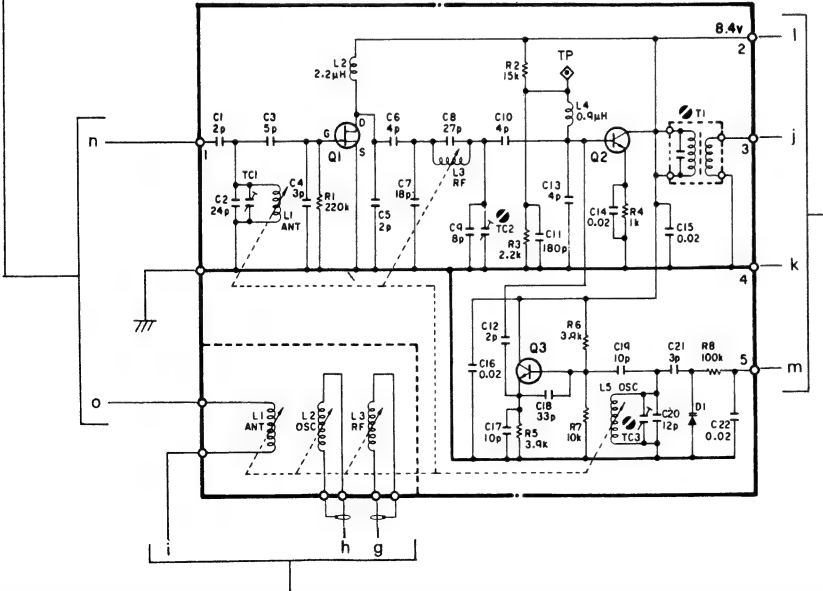
TUNER UNIT (CWE-432)



BASS TREBLE UNIT (CWG-101)



FRONT END UNIT



MS PRE AMP ASSY (CWK-247)

S3 PRESET MUTE

P.C. BOARD UN

HD1-1  
L ch

HEAD

HD1-2  
R ch

IC1	
1	1.3V
2	0.7V
3	3.4V
4	12.6V
5	0V
6	3.4V
7	0.7V
8	1.3V

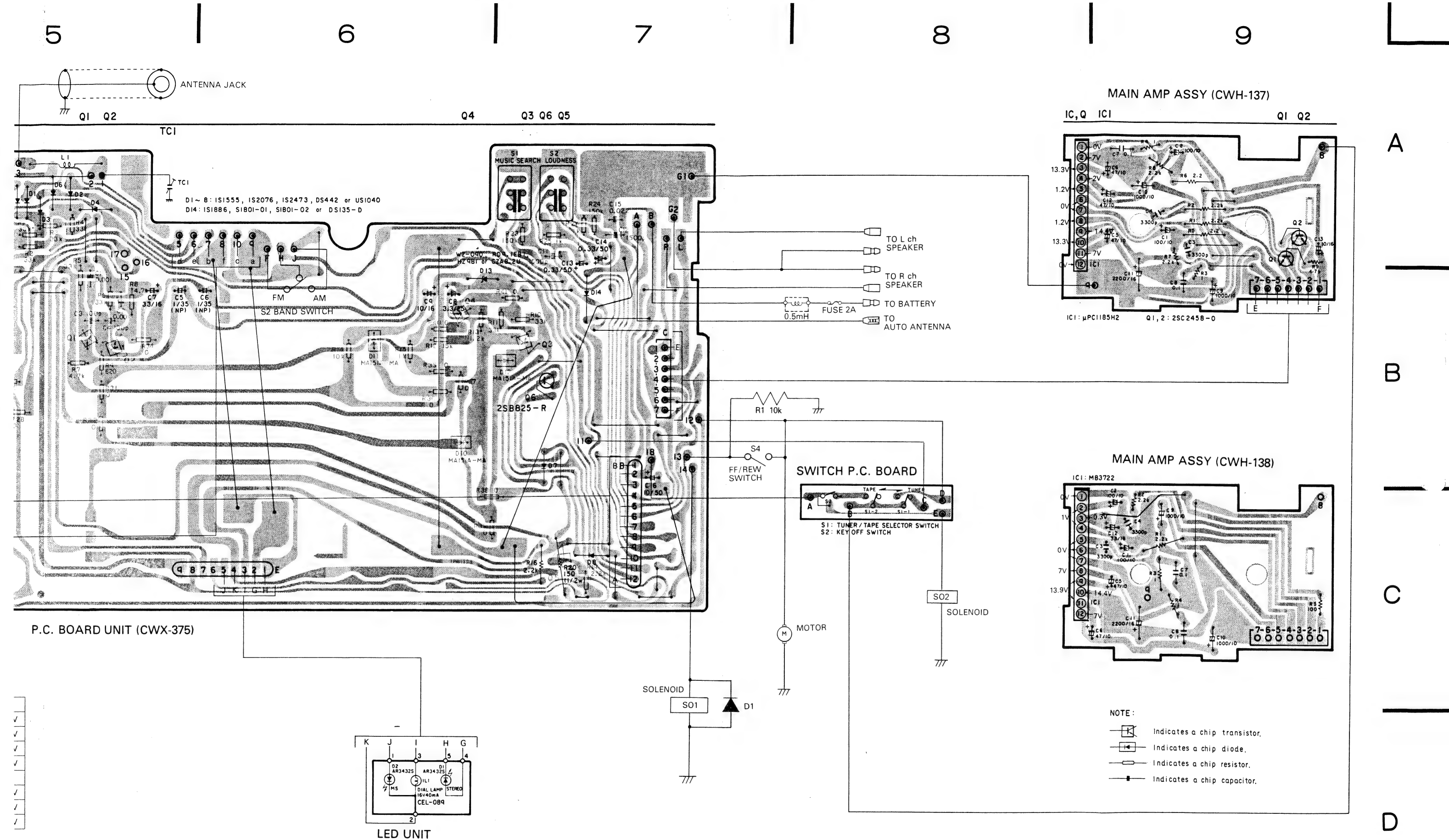


Fig. 16



## 6



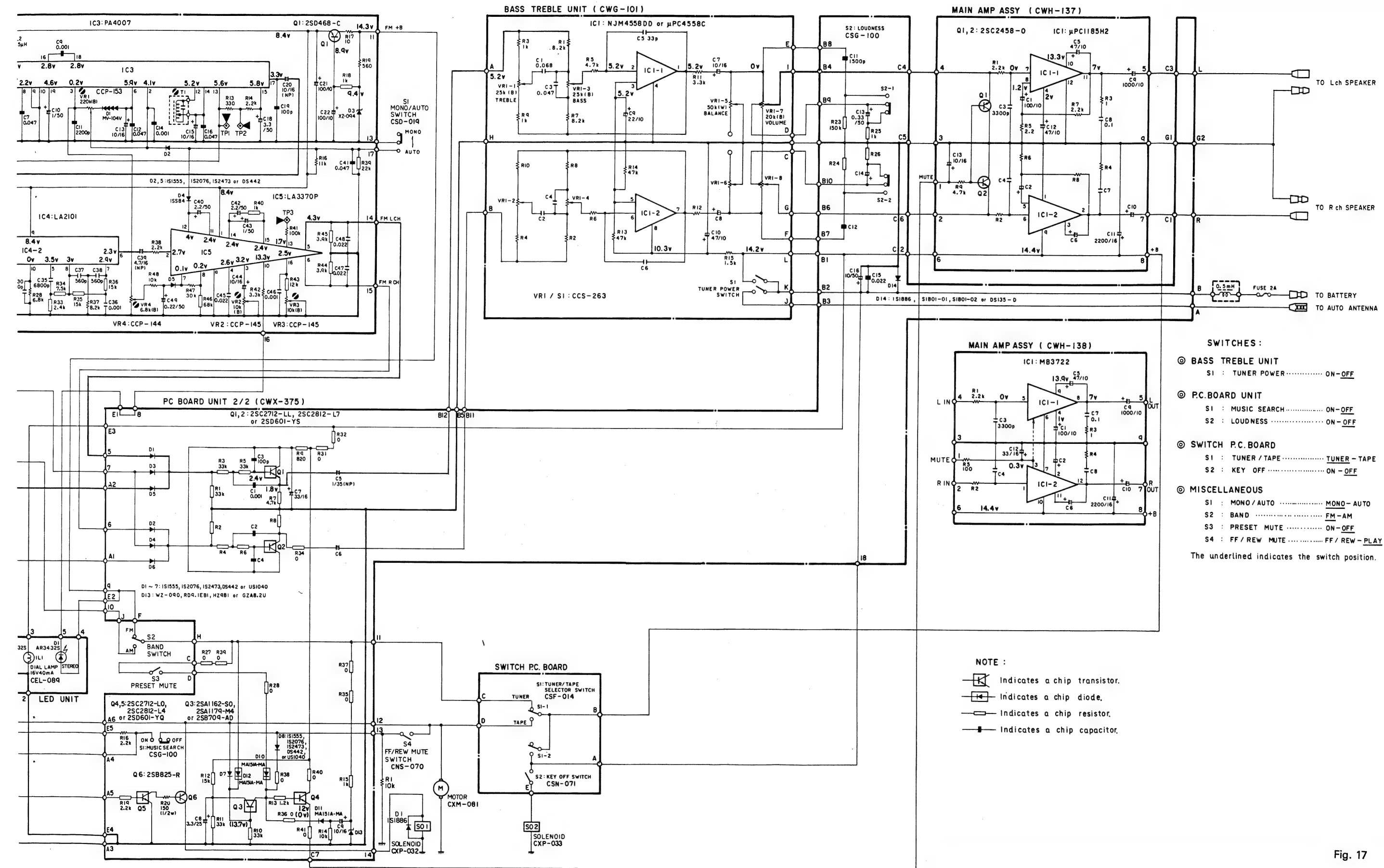


Fig. 17

9. CABINET EXPLODED VIEW

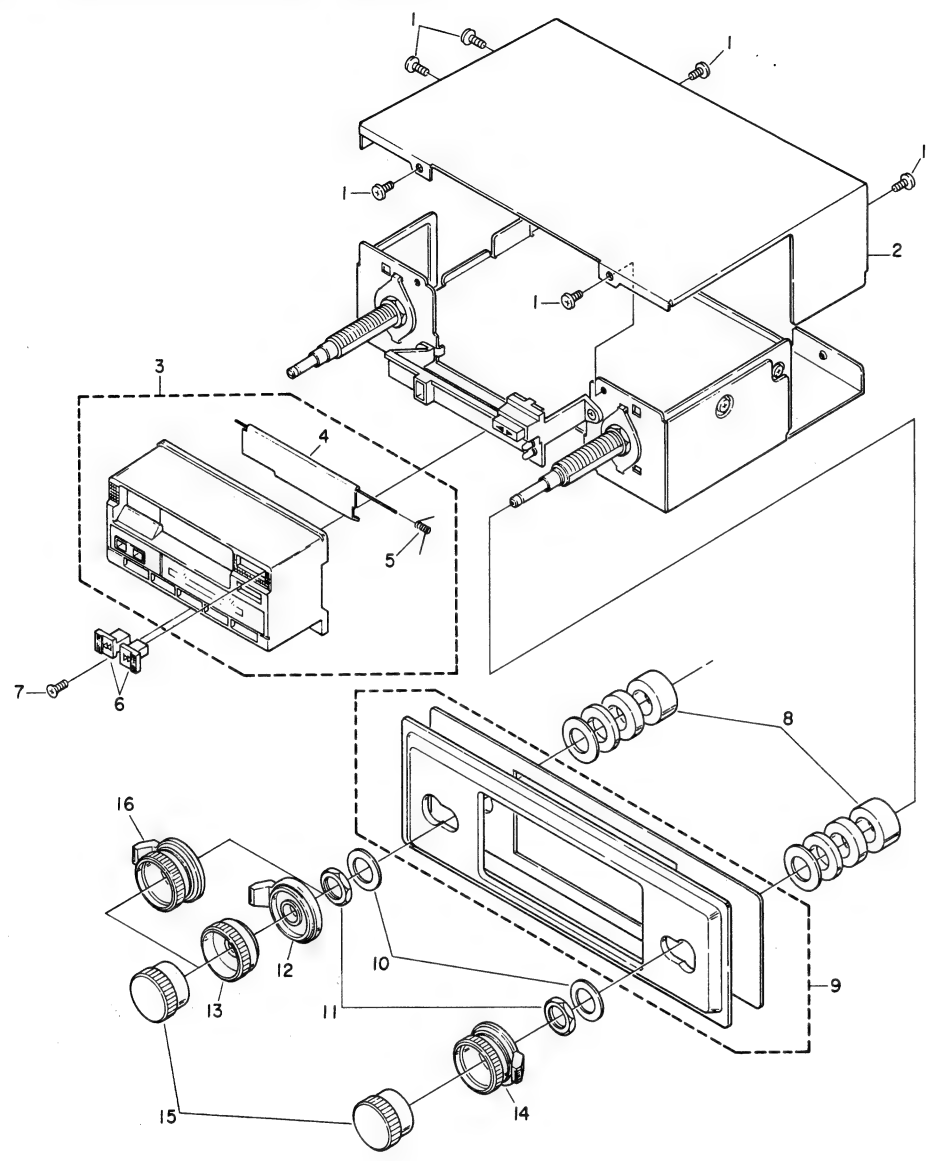


Fig. 18

• Parts List

Mark	No.	Part No.	Description	Mark	No.	Part No.	Description
	1.	BMZ26P050FMC	Screw		10.	CND-646	Washer, 10ϕ × 1 t
	2.	CXC-353	Case Unit		11.	CBN-028	Nut, 10ϕ × 2 t
	3.	CXC-363	Grille Unit (UKP-5200)	★	12.	CAA-421	Knob (Fader) (UKP-5210)
		CXC-362	Grille Unit (UKP-5210)	★		CAA-321	Knob (Bass) (UKP-5600)
		CXC-361	Grille Unit (UKP-5600)	★	13.	CAA-420	Knob (Tone) (UKP-5210)
	4.	CAT-113	Door (UKP-5200)	★		CAA-319	Knob (Treble) (UKP-5600)
		CAT-112	Door (UKP-5210)	★	14.	CAA-353	Knob (Mono/Stereo) (UKP-5200)
		CAT-111	Door (UKP-5600)	★		CAA-419	Knob (Mono/Stereo) (UKP-5210)
	5.	CBH-657	Spring	★		CAA-320	Knob (Mono/Auto) (UKP-5600)
★	6.	CAC-368	Button (FF, REW)	★	15.	CAA-418	Knob (Volume/Balance/Tuner Power, Tun) (UKP-5210)
	7.	CMZ26P060FMC	Screw				
	8.	CNV-769	Washer	★		CAA-318	Knob (Volume/Balance/Tuner Power, Tun) (UKP-5200, 5600)
	9.	CEA-497	Panel Assy (UKP-5200)	★	16.	CAA-353	Knob (Tone) (UKP-5200)
		CEA-495	Panel Assy (UKP-5210)				
		CEA-494	Panel Assy (UKP-5600)				

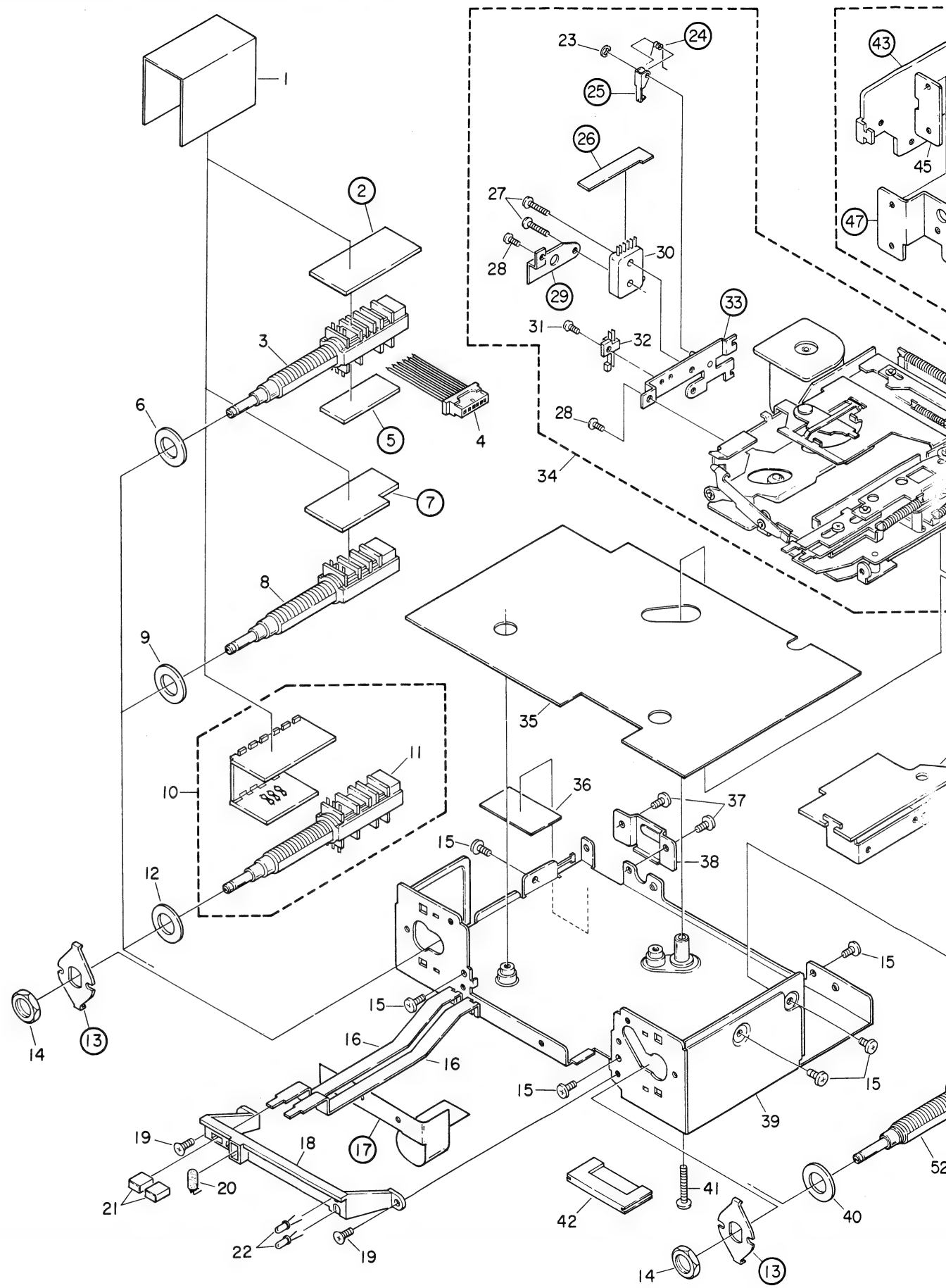
10. CHASSIS EXPLODED VIEW

A

B

C

D



# 10. CHASSIS EXPLODED VIEW

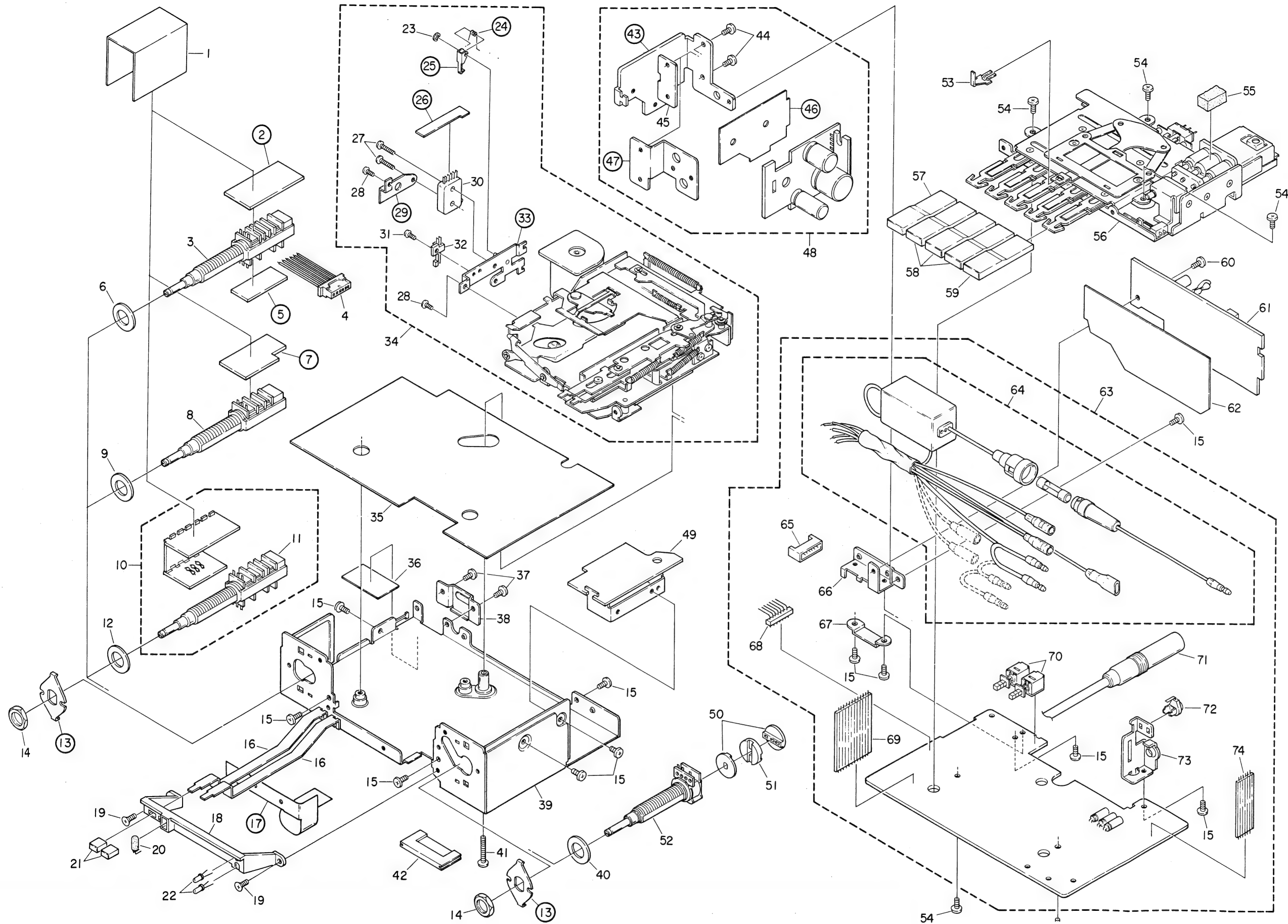


Fig. 19

# • Parts List

## NOTE:

- For your Parts Stock Control, the fast moving items are indicated with the marks ★ ★ and ★.
- ★ ★: GENERALLY MOVES FASTER THAN ★.
- This classification shall be adjusted by each distributor because it depends on model number, temperature, humidity, etc.
- Parts whose parts numbers are omitted are subject to being not supplied.

Mark	No.	Part No.	Description	Mark	No.	Part No.	Description
	1.	CNM-697	Insulator		42.	CNW-270	Cover
	2.		P.C. Board (UKP-5210)		43.		Heat Sink
★ ★	3.	CCS-264	Volume/Switch (UKP-5210)		44.	BMZ30P080FMC	Screw
			Volume, 40Ω × 2, 20 kΩ(B) × 2, 50 kΩ(W)		45.	CNF-143	Holder (UKP-5200, 5600)
			(Fader, Tone, Balance, Volume/Tuner Power)		46.		Insulator
	4.	CDE-892	Connector (UKP-5210)		47.		Heat Sink
	5.		P.C. Board (UKP-5210)		48.	CWH-142 or CWH-143	Main Amp Assy (UKP-5200)
	6.	CND-646	Washer, 10φ × 1t (UKP-5210)			CWH-140 or CWH-141	Main Amp Assy (UKP-5210)
	7.		P.C. Board (UKP-5200)				
★ ★	8.	CCS-277	Volume/Switch (UKP-5200)			CWH-138 or CWH-137	Main Amp Assy (UKP-5600)
			Volume, 20 kΩ(B) × 2, 50 kΩ(W) (Tone, Balance, Volume/Tuner Power)		49.	CWK-247	MS Pre Amp Assy
	9.	CND-646	Washer, 10φ × 1t (UKP-5200)		50.	CNW-100	Coupler A
	10.	CWG-101	Bass Treble Unit (UKP-5600)		51.	CNW-101	Coupler B
★ ★	11.	CCS-263	Volume/Switch (UKP-5600)	★ ★	52.	CSD-019	Switch (Mono/Stereo) (UKP-5200, 5210) (Mono/Auto) (UKP-5600)
			Volume, 25 kΩ(B) × 2, 50 kΩ(W), 20 kΩ(B) (Bass, Treble, Balance, Volume/Tuner Power)		53.	CAF-061	Pointer
	12.	CND-646	Washer, 10φ × 1t (UKP-5600)		54.	BMZ30P050FMC	Screw
	13.		Guide		55.	CNM-727	Cushion
	14.	CBN-028	Nut, 10φ × 2t		56.	CPN-796	Preset Mechanism (UKP-5200, 5210)
	15.	BMZ26P050FMC	Screw			CPN-795	Preset Mechanism (UKP-5600)
	16.	CNF-140	Lever	★	57.	CAC-360	Button (Preset) (UKP-5200, 5210)
	17.		P.C. Board	★		CAC-355	Button (Preset) (UKP-5600)
	18.	CNW-274	Back Plate		58.	CAC-362	Button (Preset) (UKP-5200, 5210)
	19.	CMZ26P050FMC	Screw			CAC-357	Button (Preset) (UKP-5600)
★ ★	20.	CEL-089	Lamp, 40 mA 16V		59.	CAC-361	Button (Preset) (UKP-5200, 5210)
★	21.	CAC-353	Button (MS, Loud)			CAC-356	Button (Preset) (UKP-5600)
★	22.	AR3432S	LED (Red)		60.	BMZ26P030FMC	Screw
	23.	YE12FUC	Washer		61.	CWE-433	Tuner Unit (UKP-5200, 5210)
	24.		Spring			CWE-432	Tuner Unit (UKP-5600)
	25.		Arm		62.	CNM-696	Insulator
	26.		P.C. Board		63.	CWX-378	P.C. Board Unit (UKP-5200)
	27.	CBA-106	Screw			CWX-377	P.C. Board Unit (UKP-5210)
	28.	BMZ23P025FMC	Screw				
	29.		Cover	★	64.	CWX-375	P.C. Board Unit (UKP-5600)
★ ★	30.	CSF-014	Switch (Tuner/Tape)			CDE-886	Cord Assy (UKP-5200)
	31.	BMZ20P040FMC	Screw			CDE-884	Cord Assy (UKP-5210)
★ ★	32.	CSN-071	Switch (Key OFF)			CDE-885	Cord Assy (UKP-5600)
	33.		Bracket Unit		65.	CKS-180	Plug (UKP-5210)
	34.	CXC-333	Cassette Mechanism Assy		66.	CNF-137	Holder
	35.	CNM-693	Insulator		67.	CNF-136	Clamper
	36.	CAL-684	Name Plate (UKP-5200)		68.	CKS-179	Plug
		CAL-683	Name Plate (UKP-5210)		69.	CDE-889	Connector (UKP-5200, 5210)
		CAL-682	Name Plate (UKP-5600)			CDE-888	Connector (UKP-5600)
	37.	BMZ30P060FMC	Screw	★ ★	70.	CSG-100	Switch (MS, Loud)
	38.	CNF-135	Clamper		71.	CDH-062	Antenna Cable
	39.	CNA-181	Frame		72.	CCG-022	Trimmer
	40.	CND-646	Washer, 10φ × 1t		73.	CNE-167	Holder
	41.	BMZ26P150FMC	Screw		74.	CDE-887	Connector

# 11. CASSETTE MECHANISM EXPLODED VIEW

## • Parts List

Mark	No.	Part No.	Description
★ ★	1.	CXM-081	Motor
	2.	CBH-665	Spring
	3.	YE20FUC	Washer
	4.	CBH-626	Spring
	5.	CNE-971	Arm
	6.	CBH-627	Spring
	7.	CBH-625	Spring
	8.	CNE-972	Arm
	9.	BMZ23P030FMC	Screw
	10.		Frame Unit
★ ★	11.	CNT-096	Belt
	12.	CNW-205	Pulley
	13.		Holder
	14.	CBF-134	Washer
	15.	YE15FUC	Washer
	16.	CXC-302	Holder Unit
	17.	CBH-640	Spring
	18.	YE25FUC	Washer
	19.		Lever
	20.	BMZ20P040FMC	Screw
	21.	CXC-328	Gear Unit
	22.		Gear
	23.		Spacer
	24.	CBH-638	Spring
★ ★	25.	CXC-289	Roller Unit
	26.		Roller
	27.	PMS26P030FMC	Screw
	28.	CNW-210	Gear
	29.		Chassis Unit
	30.	CBH-635	Spring
	31.	CBH-636	Spring
	32.	CNW-211	Gear
	33.	CNW-212	Gear
	34.	CNW-216	Gear
	35.	CBF-045	Washer
★ ★	36.	CXC-256	Reel Unit
★ ★	37.	CXC-257	Reel Unit
	38.	CNR-148	Flywheel
★ ★	39.	CNT-095	Belt
	40.	CXC-290	Holder Unit
	41.	CMZ23P030FMC	Screw
	42.	CNW-229	Screw
	43.	CNW-250	Arm
	44.	CBA-082	Screw
★ ★	45.	CPB-064 or CPB-065	Head
	46.	CNV-301	Rubber
	47.	CBH-198	Spring
	48.	CNL-010 or CNL-011	P.C. Board
	49.		Plug

Mark	No.	Part No.	Description
★ ★	50.	CSN-070	Switch (FF/REW Mute)
	51.		P.C. Board
	52.	PMZ20P040FMC	Screw
	53.	CBH-648	Spring
	54.	CXC-296	Arm Unit
★	55.	CXP-033	Solenoid
★	56.	CXP-032	Solenoid
	57.		Lever Unit
	58.		Lever
	59.	CBH-645	Spring
	60.	CBH-634	Spring
	61.	CXC-301	Holder Unit
	62.		Lever Unit
	63.	CBH-655	Spring
	64.		Lever
	65.		Arm
	66.	CBH-641	Spring
	67.	CNW-253	Arm
	68.	BMZ26P160FMC	Screw
	69.		Lever
	70.	CXC-292	Arm Unit
	71.	CMZ26P040FMC	Screw
	72.	CBH-642	Spring
	73.	CBH-643	Spring
	74.	BMZ20P025FMC	Screw
	75.	CBH-646	Spring
	76.		Lever
	77.	CBH-649	Spring
	78.	BMZ26P100FMC	Screw
	79.		Lever
	80.		Lever
	81.	CXC-297	Arm Unit
	82.	CBH-647	Spring
	83.	CBH-637	Spring
	84.	CXC-291	Sub Chassis Unit
	85.	CXC-254	Gear Unit
	86.		Bracket
	87.	PMS20P040FMC	Screw



• Cassette Mechanism

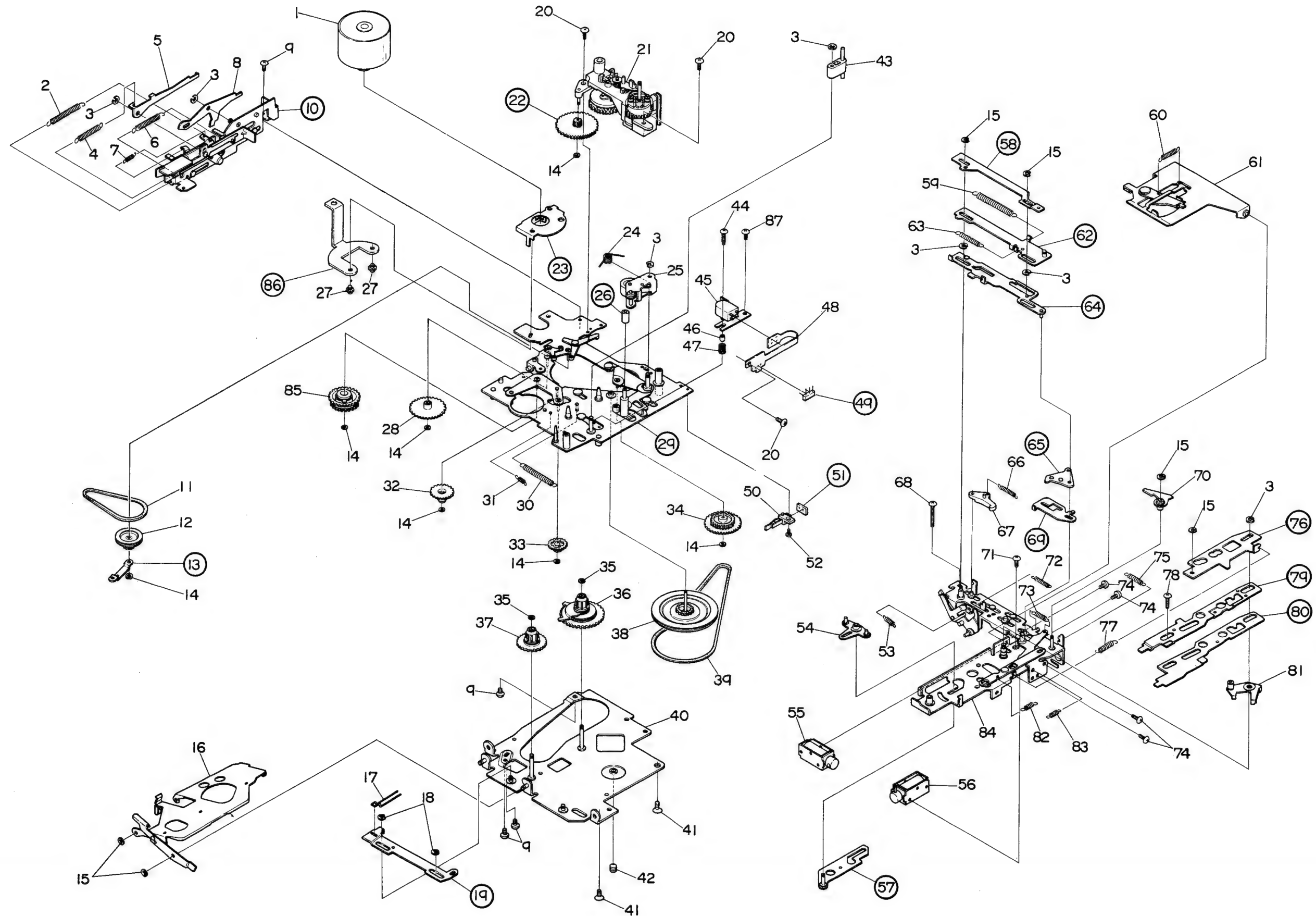


Fig. 20

## 12. ELECTRICAL PARTS LIST

### NOTE:

When ordering resistors, first convert resistance values into code form as shown in the following examples.

Ex. 1 When there are 2 effective digits (any digit apart from 0), such as 560 ohm and 47k ohm (tolerance is shown by J = 5%, and K = 10%).

560Ω    56 × 10<sup>1</sup>    561 ..... RD1/4PS **561J**  
 47kΩ    47 × 10<sup>3</sup>    473 ..... RD1/4PS **473J**  
 0.5Ω    0R5 ..... RN2H **0R5K**  
 1Ω    010 ..... RS1P **010K**

Ex. 2 When there are 3 effective digits (such as in high precision metal film resistors).

5.62kΩ    562 × 10<sup>1</sup> ..... RN1/4SR **5621F**

- For your Parts Stock Control, the fast moving items are indicated with the marks ★ ★ and ★.
- ★ ★: GENERALLY MOVES FASTER THAN ★.
- This classification shall be adjusted by each distributor because it depends on model number, temperature, humidity, etc.
- Parts whose parts numbers are omitted are subject to being not supplied.

### Tuner Unit (CWE-433) (UKP-5200, UKP-5210)

#### MISCELLANEOUS

Mark	Part No.	Symbol & Description
★ ★	μPC1200V	IC1
★ ★	μPC1187V	IC2
★ ★	LA1130	IC3
★ ★	2SC1675	Q1
★ ★	2SD468	Q2
★	WZ-094	D1
★	1S1555 or 1S2473 or 1S2076 or DS442	D2
	CTC-090	L1    Coil
	CTC-091	L2    Coil
	CTF-078 or CTF-099 or CTF-016	L3, L4    Ferri-Inductor, 15 μH
	CTF-005	L5    Ferri-Inductor, 5 μH
	CTB-109	L6    Coil
	CTE-118	T1    IF Transformer
	CTE-117	T2    IF Transformer
	CCG-062	TC1, TC2    Trimmer
	CTF-040	CF1, CF2    Ceramic Filter
	CTF-118	CF3    Ceramic Filter
★ ★	C92-618	VR1    Semi-fixed, 4.7 kΩ(B)
★ ★	CCP-091	VR2    Semi-fixed, 470Ω(B)

#### RESISTORS

Mark	Part No.	Symbol & Description
	RS1/8S□□□J	R1—R10, R12—R19, R23, R25—R27, R29—R33 (Chip Resistor)
	RD1/4PM□□□J	R11, R12, R28
	RD1/4VM□□□J	R20—R22, R24

#### CAPACITORS

Mark	Part No.	Symbol & Description
	CKSYF473Z50	C1, C2, C4—C7, C10, C11, C26, C29, C34, C45 (Chip Capacitor)
	CKSYB103K50	C3, C28 (Chip Capacitor)
	CEA010M50L	C8, C12
	CCSSL101K50	C9 (Chip Capacitor)
	CEA2R2M50L	C13
	CEA100M16L	C14, C15
	CSYAR22M25SAN	C16, C18
	CSYAR47M25SAN	C17
	CQSH471J50	C19
	CQMA183J50	C20, C21
	CQMA222J50	C22, C23
	CEA101M10L	C24, C25
	CKSYB272K50	C27 (Chip Capacitor)
	CCSSH201J50	C30 (Chip Capacitor)
	CCSPH101J50	C31 (Chip Capacitor)
	CKSYB222K50	C32, C37 (Chip Capacitor)
	CEA470M16L	C33, C36
	CCSSL470K50	C35 (Chip Capacitor)

Mark	Part No.	Symbol & Description
	CQMA103J50	C38, C40, C46
	CKSYB153K50	C39 (Chip Capacitor)
	CEAR15M50LL	C41
	CEA220M25L	C42
	CEAR47M50NP	C43
	CEA4R7M35L	C44

### Bass Treble Unit (CWG-101) (UKP-5600)

Mark	Part No.	Symbol & Description
★ ★	NJM4558DD or μPC4558C	IC1
★ ★	CCS-263	VR1/S1    Volume/Switch Volume, 25 kΩ(B) × 2, 50 kΩ(W), 20 kΩ(B) (Bass, Treble, Volume, Balance/Tuner Power)
	RD1/4VM□□□J	R1, R3, R15
	RD1/4PM□□□J	R2, R4, R8, R10
	RD1/6PS□□□J	R5—R7, R9, R11—R14
	CQMA682K50L	C1, C2
	CQMA473K50L	C3, C4
	CKDYB330K50L	C5, C6
	CEA100M16LL	C7, C8
	CEA220M10L	C9
	CEA470M10L	C10

### Tuner Unit (CWE-432) (UKP-5600)

#### MISCELLANEOUS

Mark	Part No.	Symbol & Description
★ ★	M5215L	IC1, IC2
★ ★	PA4007	IC3
★ ★	LA2101	IC4
★ ★	LA3370P	IC5
★ ★	LA1130	IC6
★ ★	2SD468	Q1
★	MV-104V	D1
★	1S1555 or 1S2076 or 1S2473 or DS442	D2, D5, D6
★	XZ-094	D3
★	1SS84	D4
	CTF-078 or CTF-099 or	L1, L2    Ferri-Inductor, 15 μH
	CTF-016	
	CTB-109	L3    Coil
	CTF-005	L4    Ferri-Inductor, 5 μH
	CTC-137	T1    Coil
	CTE-118	T2    IF Transformer
	CTE-117	T3    IF Transformer
	CCG-041	TC1, TC2    Trimmer
	CTF-040	CF1—CF3    Ceramic Filter
	CTF-118	CF4    Ceramic Filter
★ ★	CCP-153	VR1    Semi-fixed, 220 kΩ(B)

Mark	Part No.	Symbol & Description
★ ★	CCP-145	VR2, VR3    Semi-fixed, 10 kΩ(B)
★ ★	CCP-144	VR4    Semi-fixed, 6.8 kΩ(B)

#### RESISTORS

Mark	Part No.	Symbol & Description
	RS1/8S□□□J	R1—R3, R5, R6, R8—R11, R18, R20, R21—R27, R29, R30, R32—R36, R39, R40, R43—R46, R49—R52, R55—R58 (Chip Resistor)
	RD1/4VM□□□J	R4, R7, R13, R15—R17, R19, R28, R31, R37, R38, R42, R47, R48, R53
	RD1/4PM□□□J	R12, R14, R21, R41, R54

#### CAPACITORS

Mark	Part No.	Symbol & Description
	CKDBC473M25	C1, C4
	CKSYF473Z50	C2, C5—C8, C12, C16, C41, C50, C53, C58 (Chip Capacitor)
	CKSYB103K50	C3, C51, C63 (Chip Capacitor)
	CKSYB102K50	C9, C14, (Chip Capacitor)
	CEA010M50LL	C10, C17, C43
	CKSYB222K50	C11, C56, C61 (Chip Capacitor)
	CEA100M16LL	C13, C15, C44
	CEA3R3M50LL	C18
	CCSSL101K50	C19 (Chip Capacitor)
	CEA100M16NP	C20
	CEA101M10L	C21, C22
	CKDSA271J50	C23—C25, C27
	CCDSL050D50L	C26
	CQMA103J50L	C28, C62, C65
	CEA470M10L	C29
	CQMA152J50L	C30
	CKDSA681J50	C31, C32
	CQMA122J50L	C33
	CKDSA680J50	C34
	CQMA682J50L	C35
	CKDSA102J50	C36
	CKDSA561J50	C37, C38
	CEA4R7M16NP	C39
	CEA2R2M50LL	C40, C42
	CQMA223J50L	C45, C47, C48
	CQSAH102J50	C46
	CEAR22M50LL	C49
	CKSYB272K50	C52 (Chip Capacitor)
	CCSSH201J50	C54 (Chip Capacitor)
	CCSCH121J50	C55 (Chip Capacitor)
	CEA470M16L	C57, C60
	CCSSL470J50	C59 (Chip Capacitor)
	CEAR15M50LL	C64
	CEA220M6R3LL	C66
	CEAR47M50NP	C67
	CEA4R7M35LL	C68
	CKPVYX103M25	C69



# MS Pre Amp Assy (CWK-247)

## MISCELLANEOUS

Mark	Part No.	Symbol & Description
★ ★	MB3106M	IC1
★ ★	BA338	IC2
★	WZ-090 or RD9.1EB1 or HZ9B1 or	D1
	GZA8.2U	
★	1S1555 or 1S2076 or 1S2473 or US1040	D2

## RESISTORS

Mark	Part No.	Symbol & Description
	RS1/8S□□□J	R1—R16 (Chip Resistor)
	RD1/4VM□□□J	R19

## CAPACITORS

Mark	Part No.	Symbol & Description
	CKSYB821K50	C1, C2 (Chip Capacitor)
	CEANL100M16L	C3, C4
	CEA470M10L	C5, C6
	CKSYB123K50	C7, C8 (Chip Capacitor)
	CKSYB103K50	C9, C10 (Chip Capacitor)
	VACANT	C11—C14
	CEA101M16L	C15
	CKSYB392K50	C16 (Chip Capacitor)
	CEA010M50L	C17, C18, C21
	CEA2R2M35L	C19
	CEA4R7M35L	C20
	CEA470M16L	C22

# Main Amp Assy (CWH-142) (UKP-5200)

Mark	Part No.	Symbol & Description
★ ★	MB3722	IC1
	RD1/4PM□□□J	R1
	RD1/4VM□□□J	R2—R5
	CEA101M10L	C1, C2
	CKDYB102K50L	C3, C4
	CEA470M10L	C5, C6
	CQMA104K50L	C7
	CQFAH104J50	C8
	CCH-046	C9 1000 $\mu$ F/10V
	CCH-057	C10 1000 $\mu$ F/10V
	CCH-058	C11 2200 $\mu$ F/16V
	CEA330M16L	C12

# Main Amp Assy (CWH-143) (UKP-5200)

Mark	Part No.	Symbol & Description
★ ★	$\mu$ PC1185H2	IC1
★ ★	2SC2458	Q1, Q2
	RD1/4PM□□□J	R1, R2, R5, R6
	RD1/4VM□□□J	R3, R4, R7—R9
	CEA101M10L	C1, C2
	CKDYB102K50L	C3, C4
	CEA470M10L	C5, C6, C12
	CQMA104K50L	C7
	CQFAH104J50	C8
	CCH-057	C9 1000 $\mu$ F/10V
	CCH-046	C10 1000 $\mu$ F/10V
	CCH-058	C11 2200 $\mu$ F/16V
	CEA100M16LL	C13

# Main Amp Assy (CWH-140) (UKP-5210)

Mark	Part No.	Symbol & Description
★ ★	MB3722	IC1
	RD1/4PM□□□J	R1
	RD1/4VM□□□J	R2—R5
	CEA101M10L	C1, C2
	CKDYB102K50L	C3, C4
	CEA470M10L	C5, C6
	CQMA104K50L	C7
	CQFAH104J50	C8
	CCH-046	C9 1000 $\mu$ F/10V
	CCH-057	C10 1000 $\mu$ F/10V
	CCH-058	C11 2200 $\mu$ F/16V
	CEA330M16L	C12

# Main Amp Assy (CWH-141) (UKP-5210)

Mark	Part No.	Symbol & Description
★ ★	$\mu$ PC1185H2	IC1
★ ★	2SC2458	Q1, Q2
	RD1/4PM□□□J	R1, R2, R5, R6
	RD1/4VM□□□J	R3, R4, R7—R9
	CEA101M10L	C1, C2
	CKDYB102K50L	C3, C4
	CEA470M10L	C5, C6, C12
	CQMA104K50L	C7
	CQFAH104J50	C8
	CCH-057	C9 1000 $\mu$ F/10V
	CCH-046	C10 1000 $\mu$ F/10V
	CCH-058	C11 2200 $\mu$ F/16V
	CEA100M16LL	C13

### Main Amp Assy (CWH-138) (UKP-5600)

Mark	Part No.	Symbol & Description
★ ★	MB3722	IC1
	RD1/4PM□□□J	R1
	RD1/4VM□□□J	R2—R5
	CEA101M10L	C1, C2
	CQMA332K50	C3, C4
	CEA470M10L	C5, C6
	CQMA104K50L	C7
	CQFAH104J50	C8
	CCH-046	C9 1000 $\mu$ F/16V
	CCH-057	C10 1000 $\mu$ F/10V
	CCH-058	C11 2200 $\mu$ F/16V
	CEA330M16L	C12

### Main Amp Assy (CWH-137) (UKP-5600)

Mark	Part No.	Symbol & Description
★ ★	$\mu$ PC1185H2	IC1
★ ★	2SC2458	Q1, Q2
	RD1/4PM□□□J	R1, R2, R5, R6
	RD1/4VM□□□J	R3, R4, R7—R9
	CEA101M10L	C1, C2
	CQMA332K50	C3, C4
	CEA470M10L	C5, C6, C12
	CQMA104K50L	C7
	CQFAH104J50	C8
	CCH-057	C9 1000 $\mu$ F/10V
	CCH-046	C10 1000 $\mu$ F/10V
	CCH-058	C11 2200 $\mu$ F/16V
	CEA100M16LL	C13

### P.C. Board Unit (CWX-378) (UKP-5200) (CWX-377) (UKP-5210)

#### MISCELLANEOUS

Mark	Part No.	Symbol & Description
★ ★	2SA1162-SO or 2SA1162-SY or 2SA1162-SG or 2SA1179-M5 or 2SA1179-M6 or	Q1 (Chip Transistor)
	2SA1179-M7 or 2SB709-AQ or 2SB709-AR or	
★	2SB709-AS 2SC2712-LO or	Q2, Q3 (Chip Transistor)
	2SC2712-LY or 2SC2712-LG or 2SC2712-LL or 2SC2812-L5 or 2SC2812-L6 or	

Mark	Part No.	Symbol & Description
	2SC2812-L7 or 2SD601-YQ or 2SD601-YR or 2SD601-YS	
★ ★	2SB825	Q4
★	1S2473 or DS442 or 1S1555 or 1S2076 or US1040	D1, D2, D5, D6
★	MA151WA-MN	*D3, D4 (Chip Diode)
★	MA151WK-MT	*D7, D8, D11, D12 (Chip Diode)
★	SIB01-01 or SIB01-02 or	D9
	1S1886 or DS135	
★	MA151K-MH	D10 (Chip Diode)
★	WZ-090 or RD9.1EB1 or	D13
	HZ9B1 or GZA8.2U	
	CTH-025	L1 Coil
	CCG-022	TC1 Trimmer
★ ★	CSG—100	S1, S2 Switch (MS, Loud)

#### Caution:

\*D3 and D4 are in one chip diode.

\*D7 and D8, D11 and D12 are paired and are in one diode.

#### RESISTORS

Mark	Part No.	Symbol & Description
	RS1/8S□□□J	R1—R21 (Chip Resistor)
	RS1/8S□□□K	R22—R34 (Chip Resistor)

#### CAPACITORS

Mark	Part No.	Symbol & Description
	CEA010M50L	C1, C2
	CKSYB152K50	C3, C4 (Chip Capacitor)
	CSYAR33M16SAN	C5, C6
	CEA3R3M50L	C7
	CEA100M16L	C8
	CKSYF223Z50	C9 (Chip Capacitor)
	VACANT	C10
	CEA100M50L	C11

**P.C. Board Unit (CWX-375) (UKP-5600)****MISCELLANEOUS**

Mark	Part No.	Symbol & Description
★ ★	2SC2712-LL or 2SC2812-L7 or 2SD601-YS	Q1, Q2 (Chip Transistor)
★ ★	2SA1162-SO or 2SA1162-SY or  2SA1162-SG or 2SA1179-M4 or 2SA1179-M5 or 2SA1179-M6 or 2SA1179-M7 or	Q3 (Chip Transistor)
★ ★	2SB709-AQ or 2SB709-AR or 2SB709-AS 2SC2712-LO or 2SC2712-LY or  2SC2712-LG or 2SC2712-LL or 2SC2812-L4 or 2SC2812-L5 or 2SC2812-L6 or  2SC2812-L7 or 2SD601-YQ or 2SD601-YR or 2SD601-YS	Q4, Q5 (Chip Transistor)
★ ★	2SB825	Q6
★	1S1555 or 1S2076 or 1S2473 or DS442 or US1040	D1—D8
	VACANT	D9
★	MA151A-MA	D10—D12 (Chip Diode)
★	WZ-090 or RD9.1EB1 or HZ9B1 or	D13
★	GZA8.2U 1S1886 or SIB01-01 or SIB01-02 or DS135	D14
	CTH-025	L1 Coil
	CCG-022	TC1 Trimmer
★ ★	CSG-100	S1, S2 Switch (MS, Loud)

**RESISTORS**

Mark	Part No.	Symbol & Description
	RS1/8S□□□J	R1—R15, R19, R23—R26 (Chip Resistor)
	RD1/4PM□□□J	R16
	VACANT	R17, R18, R21, R22, R29, R30, R33
	RD1/2PS□□□J	R20
	RS1/8S□□□K	R27, R28, R31, R32, R34—R41 (Chip Resistor)

**CAPACITORS**

Mark	Part No.	Symbol & Description
	CKSYB102K50	C1, C2 (Chip Capacitor)
	CCSSL101K50	C3, C4 (Chip Capacitor)
	CEA010M35NP	C5, C6
	CEA330M16L	C7
	CEA3R3M25L	C8
	CEA100M16L	C9
	VACANT	C10
	CKSYB152K50	C11, C12 (Chip Capacitor)
	CEAR33M50LL	C13, C14
	CKSYF223Z50	C15 (Chip Capacitor)
	CEA100M50L	C16

**LED Unit**

Mark	Part No.	Symbol & Description
★	AR3432S	D1, D2 LED (Red)
★ ★	CEL-089	IL1 Lamp, 40 mA 16V

**Fader Unit (UKP-5210)**

Mark	Part No.	Symbol & Description
★ ★	CCS-264	VR1/S1 Volume/Switch Volume, $40\Omega \times 2$ , $20\text{ k}\Omega(\text{B}) \times 2$ , $50\text{ k}\Omega(\text{W})$ (Fader, Tone, Volume, Balance/Tuner Power)
	CQFAH154J50	C1, C2

**Volume Unit (UKP-5200)**

Mark	Part No.	Symbol & Description
★ ★	CCS-277	VR1/S1 Volume/Switch Volume, $20\text{ k}\Omega(\text{B}) \times 2$ , $50\text{ k}\Omega(\text{W})$ (Tone, Balance, Volume/Tuner Power)
	CQFAH154J50	C1, C2

## Switch P.C. Board

Mark	Part No.	Symbol & Description
★ ★	CSF-014	S1 Switch (Tuner/Tape)
★ ★	CSN-071	S2 Switch (Key OFF)

## Miscellaneous Parts List

Mark	Part No.	Symbol & Description
★ ★	CSD-019	S1 Switch (Mono/Stereo) (UKP-5200, 5210) (Mono/Auto) (UKP-5600)
		S2 Switch (Band)
		S3 Switch (Preset Mute)
★ ★	CSN-070	S4 Switch (FF/REW Mute)
★ ★	CXM-081	M Motor
★ ★	CPB-064 or CPB-065	HD1 Head
★	CXP-032	SO1 Solenoid
★	CXP-033	SO2 Solenoid
★	1S1886	D1
	RD1/4PS□□□J	R1

## NOTICE:

### Bass Treble Unit (UKP-5600)

Replace the VOLUME section of the BASS TREBLE UNIT as shown in the illustration. Solder PC board in order indicated by arrows. Ensure that VOLUME section is securely inserted into PC board as shown. PC board should not be tilted.

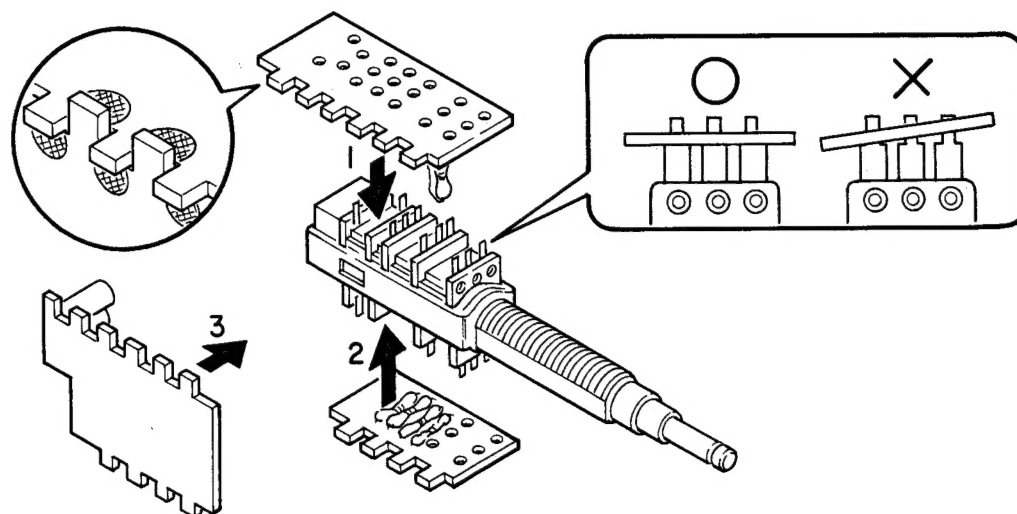


Fig. 21

## 13. PACKING METHOD

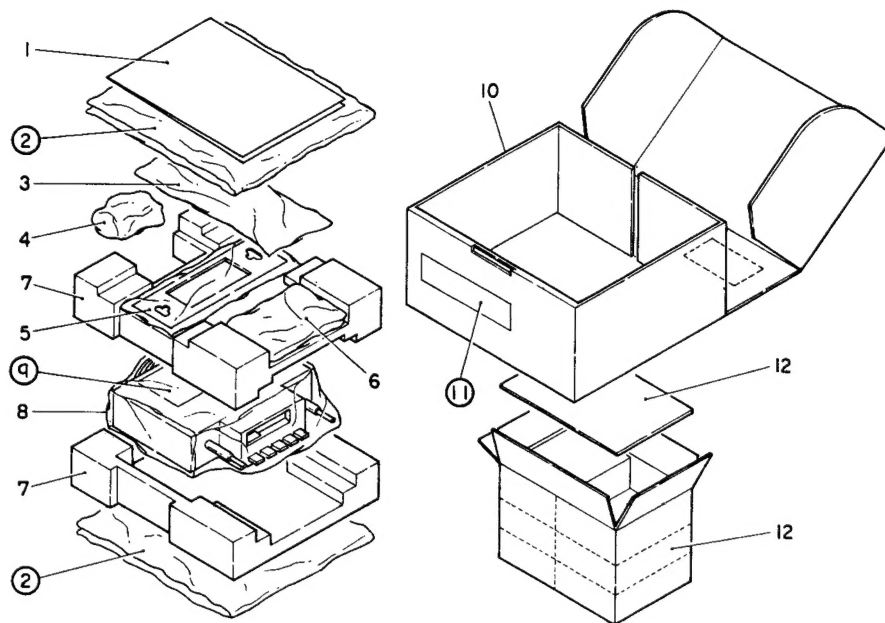


Fig. 22

### • Parts List

Mark	No.	Part No.	Description	Mark	No.	Part No.	Description
	1-1.	CRB-420	Owner's Manual (UKP-5200/US)			CEA-356	Knob Kit (UKP-5600)
		CRD-202	Owner's Manual (UKP-5200/CA)	★ 4-1.		CAA-318	Knob (Volume/Balance/Tuner Power, Tun) (UKP-5200, 5600)
		CRB-419	Owner's Manual (UKP-5210/US)	★		CAA-418	Knob (Volume/Balance/Tuner Power, Tun) (UKP-5210)
		CRD-201	Owner's Manual (UKP-5210/CA)				
		CRB-418	Owner's Manual (UKP-5600/US)	★ 4-2.		CAA-353	Knob (Tone, Mono/Stereo) (UKP-5200)
		CRD-200	Owner's Manual (UKP-5600/CA)	★ 4-3.		CAA-419	Knob (Mono/Stereo) (UKP-5210)
	1-2.	CRG-111	FM Guide (UKP-5600/US)	★		CAA-320	Knob (Mono/Auto) (UKP-5600)
	1-3.		Card (UKP-5200/US, 5210/US, 5600/US)	★ 4-4.		CAA-420	Knob (Tone) (UKP-5210)
	1-4.		Card (UKP-5200/US, 5210/US, 5600/US)	★		CAA-319	Knob (Treble) (UKP-5600)
	1-5.		Card (UKP-5200/US, 5210/US, 5600/US)	★ 4-5.		CAA-421	Knob (Fader) (UKP-5210)
	1-6.		Card (UKP-5200/CA, 5210/CA, 5600/US)	★		CAA-321	Knob (Bass) (UKP-5600)
	2.		Air Bag	5.		CEA-497	Panel Assy (UKP-5200)
						CEA-495	Panel Assy (UKP-5210)
	3.	CEA-550	Accessory Kit			CEA-494	Panel Assy (UKP-5600)
	3-1.	CNC-975	Strap	6.		CNS-708	Cover
	3-2.	CDE-437	Cord	7.		CHC-280	Styrofoam (1 set pair)
	3-3.	CNV-769	Washer	8.		CEG-162	Polyethylene Bag
	3-4.	CNS-722	Cover	9.			Tag (UKP-5200/US, 5210/US, 5600/US)
	3-5.	CEA-215	Screw Kit	10.		CHC-285	Carton (UKP-5200)
	3-5-1.	CBA-028	Screw for Strap			CHC-283	Carton (UKP-5210)
	3-5-2.	B70-055	Washer faced Nut, 4φ × 4.5t			CHC-281	Carton (UKP-5600)
	3-5-3.	WS40FMC	Washer	11.			Seal (These seals are applied only to the model UKP-5200/CA, 5210/CA, 5600/CA.)
	3-5-4.	PMB50P200FMC	Screw				
	3-5-5.	B70-056-A	Washer faced Nut, 4φ × 4.5t	12.		CHC-286	Contain Box (UKP-5200/US)
	3-5-6.	CND-646	Washer, 10φ × 2t			CHC-284	Contain Box (UKP-5210/US)
	3-5-7.	CBN-028	Nut			CHC-282	Contain Box (UKP-5600/US)
	4.	CEA-498	Knob Kit (UKP-5200)				
		CEA-355	Knob Kit (UKP-5210)				